

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082416\
 Data File : BF089870.D
 Acq On : 24 Aug 2016 13:23
 Operator : UM/SJ
 Sample : H4551-03MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 24 18:41:09 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 16 19:45:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	389355	20.00	ng	-0.03
21) Naphthalene-d8	7.95	136	1612727	20.00	ng	-0.03
38) Acenaphthene-d10	9.70	164	719931	20.00	ng	-0.03
63) Phenanthrene-d10	11.19	188	1386337	20.00	ng	-0.02
75) Chrysene-d12	13.86	240	1161495	20.00	ng	-0.03
86) Perylene-d12	15.37	264	1001746	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	2282882	97.83	ng	-0.03
7) Phenol-d6	6.31	99	2974028	100.20	ng	-0.02
23) Nitrobenzene-d5	7.23	82	1700871	64.40	ng	-0.03
41) 2,4,6-Tribromophenol	10.49	330	662318	95.10	ng	-0.03
44) 2-Fluorobiphenyl	9.04	172	3333214	74.29	ng	-0.03
78) Terphenyl-d14	12.78	244	2777312	71.43	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.17	88	342840	28.46	ng	98
3) Pyridine	2.80	79	875046	28.19	ng	95
4) n-Nitrosodimethylamine	2.75	42	396409	31.81	ng	# 86
6) Aniline	6.32	93	1017586	25.50	ng	# 1
8) 2-Chlorophenol	6.44	128	890658	32.09	ng	98
9) Benzaldehyde	6.20	77	219603	11.16	ng	88
10) Phenol	6.32	94	1286053	34.81	ng	99
11) bis(2-Chloroethyl)ether	6.41	93	1010684	36.92	ng	97
12) 1,3-Dichlorobenzene	6.60	146	985969	33.23	ng	97
13) 1,4-Dichlorobenzene	6.68	146	1047230	34.84	ng	98
14) 1,2-Dichlorobenzene	6.68	146	1047230	36.54	ng	98
15) Benzyl Alcohol	6.81	79	675596	34.06	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.96	45	1029447	28.66	ng	94
17) 2-Methylphenol	6.94	107	819432	37.16	ng	95
18) Hexachloroethane	7.19	117	354396	32.17	ng	# 86
19) n-Nitroso-di-n-propylamine	7.10	70	684859	35.23	ng	# 85
20) 3+4-Methylphenols	7.08	107	929029	32.90	ng	# 89
22) Acetophenone	7.08	105	1214350	32.39	ng	# 89
24) Nitrobenzene	7.26	77	1031726	34.73	ng	# 86
25) Isophorone	7.50	82	1771051	33.51	ng	95
26) 2-Nitrophenol	7.58	139	508323	36.36	ng	97
27) 2,4-Dimethylphenol	7.62	122	928994	35.06	ng	99
28) bis(2-Chloroethoxy)methane	7.71	93	1054118	32.83	ng	99
29) 2,4-Dichlorophenol	7.82	162	836694	37.93	ng	99
30) 1,2,4-Trichlorobenzene	7.90	180	787964	33.27	ng	98
31) Naphthalene	7.98	128	2664320	36.81	ng	100
32) Benzoic acid	7.62	122	928994	45.10	ng	# 11
33) 4-Chloroaniline	8.02	127	674371	20.13	ng	# 85
34) Hexachlorobutadiene	8.10	225	408543	32.84	ng	99
35) Caprolactam	8.38	113	216485	31.84	ng	# 81
36) 4-Chloro-3-methylphenol	8.51	107	778742	32.43	ng	93
37) 2-Methylnaphthalene	8.67	142	1800503	36.54	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	619134	26.75	ng	99
40) Hexachlorocyclopentadiene	8.83	237	706184	68.46	ng	97

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082416\
 Data File : BF089870.D
 Acq On : 24 Aug 2016 13:23
 Operator : UM/SJ
 Sample : H4551-03MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 24 18:41:09 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 16 19:45:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

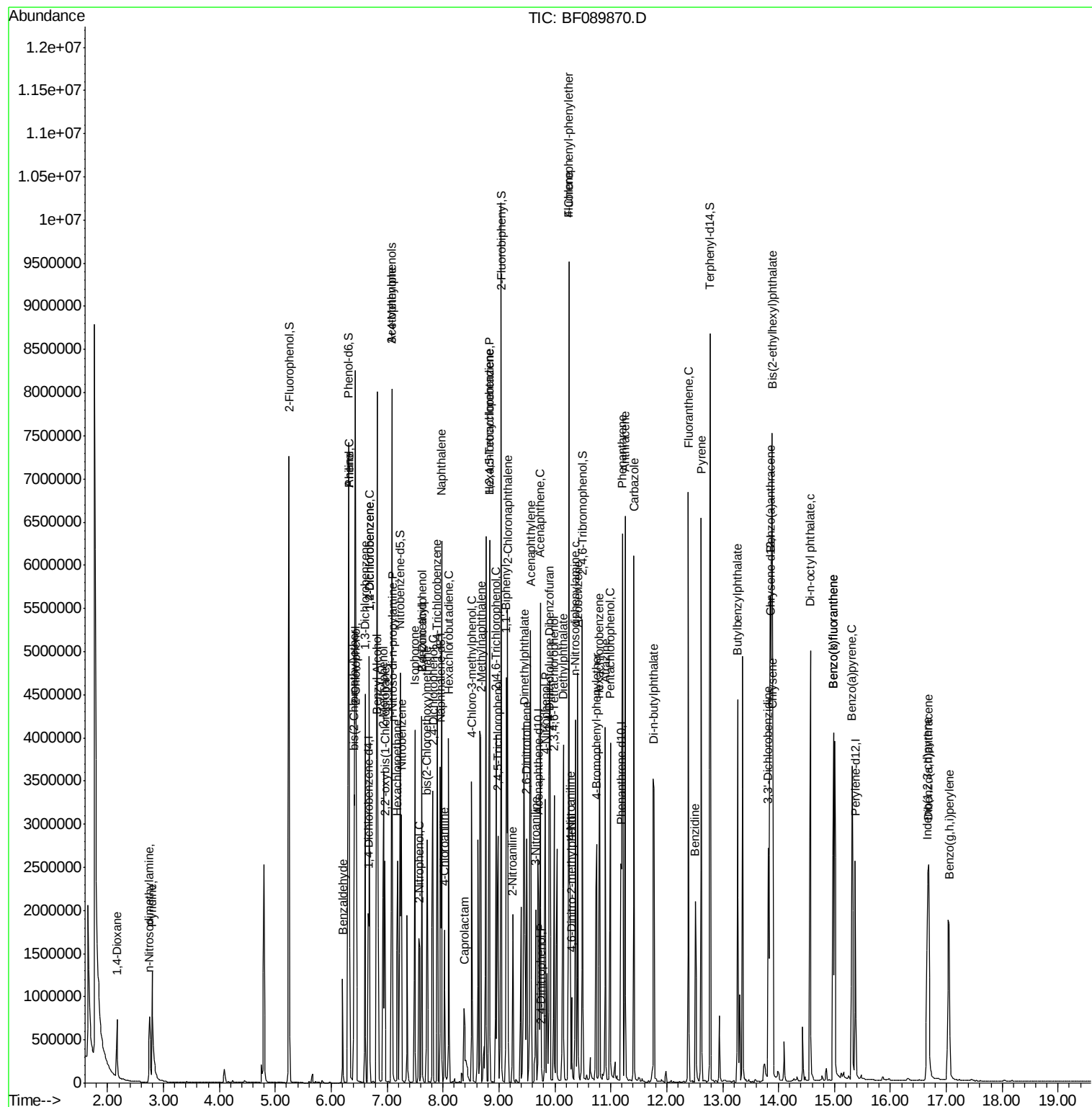
42) 2,4,6-Trichlorophenol	8.95	196	556186	37.20	nq	99
43) 2,4,5-Trichlorophenol	8.98	196	504740	35.41	nq	# 88
45) 1,1'-Biphenyl	9.13	154	1723821	28.91	nq	99
46) 2-Chloronaphthalene	9.15	162	1551951	34.74	nq	97
47) 2-Nitroaniline	9.24	65	449967	33.05	nq	99
48) Acenaphthylene	9.56	152	2391833	34.77	nq	99
49) Dimethylphthalate	9.45	163	2899222	55.66	nq	# 98
50) 2,6-Dinitrotoluene	9.50	165	384160	32.58	nq	93
51) Acenaphthene	9.74	154	1417801	30.55	nq	99
52) 3-Nitroaniline	9.66	138	376193	27.44	nq	98
53) 2,4-Dinitrophenol	9.76	184	17832	5.10	nq	96
54) Dibenzofuran	9.91	168	2150674	37.65	nq	96
55) 4-Nitrophenol	9.83	139	684527	64.91	nq	96
56) 2,4-Dinitrotoluene	9.90	165	549007	36.22	nq	# 76
57) Fluorene	10.25	166	1554230	33.68	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	404357	36.32	nq	90
59) Diethylphthalate	10.15	149	1944237	36.81	nq	96
60) 4-Chlorophenyl-phenylether	10.25	204	694997	30.68	nq	97
61) 4-Nitroaniline	10.27	138	513818	38.60	nq	93
62) Azobenzene	10.41	77	1934357	38.76	nq	94
64) 4,6-Dinitro-2-methylphenol	10.30	198	126539	15.72	nq	88
65) n-Nitrosodiphenylamine	10.36	169	1537055	35.33	nq	99
66) 4-Bromophenyl-phenylether	10.74	248	515236	35.89	nq	# 93
67) Hexachlorobenzene	10.80	284	560797	35.14	nq	# 93
68) Atrazine	10.90	200	454250	34.47	nq	98
69) Pentachlorophenol	10.99	266	521044	52.40	nq	98
70) Phenanthrene	11.21	178	2796793	41.04	nq	99
71) Anthracene	11.26	178	2469533	34.69	nq	99
72) Carbazole	11.42	167	2577696	38.21	nq	97
73) Di-n-butylphthalate	11.77	149	2977314	36.29	nq	# 97
74) Fluoranthene	12.39	202	2582656	37.72	nq	96
76) Benzidine	12.51	184	1036215	24.86	nq	98
77) Pyrene	12.62	202	2683973	35.31	nq	98
79) Butylbenzylphthalate	13.27	149	1299462	34.08	nq	# 85
80) Benzo(a)anthracene	13.85	228	2334389	34.59	nq	100
81) 3,3'-Dichlorobenzidine	13.82	252	700935	28.51	nq	99
82) Chrysene	13.90	228	2049374	33.74	nq	99
83) Bis(2-ethylhexyl)phthalate	13.89	149	2091764	41.45	nq	98
84) Di-n-octyl phthalate	14.57	149	3197968	40.77	nq	# 94
85) Indeno(1,2,3-cd)pyrene	16.66	276	1888787	36.50	nq	99
87) Benzo(b)fluoranthene	14.98	252	2200220	34.66	nq	# 96
88) Benzo(k)fluoranthene	14.98	252	2200220	42.12	nq	98
89) Benzo(a)pyrene	15.31	252	1909494	36.44	nq	98
90) Dibenzo(a,h)anthracene	16.69	278	1555839	37.70	nq	98
91) Benzo(g,h,i)perylene	17.05	276	1558984	37.12	nq	95

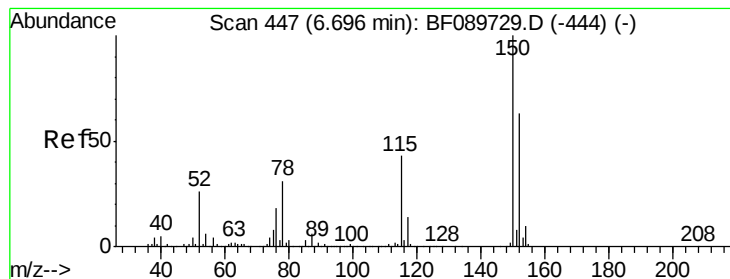
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082416\
 Data File : BF089870.D
 Acq On : 24 Aug 2016 13:23
 Operator : UM/SJ
 Sample : H4551-03MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampled :

Quant Time: Aug 24 18:41:09 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 16 19:45:04 2016
 Response via : Initial Calibration



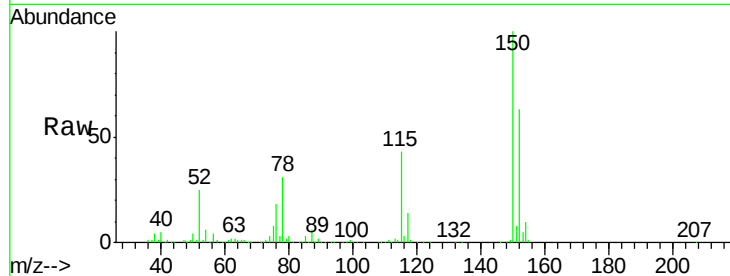


#1

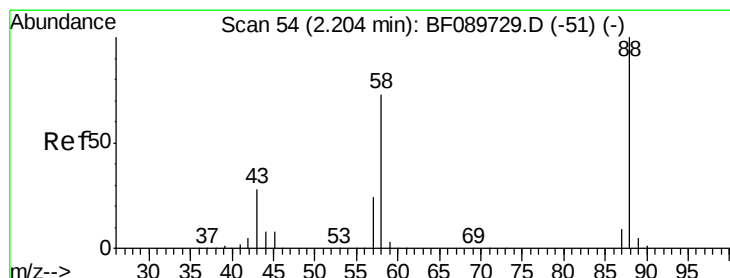
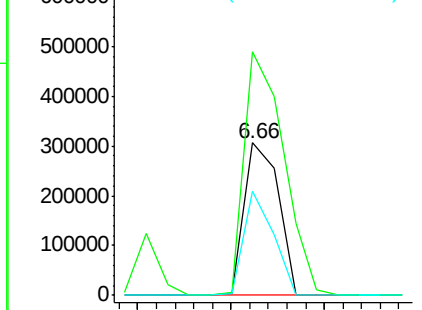
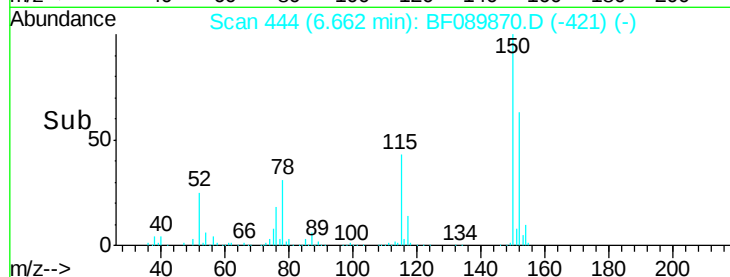
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 444
Delta R.T. -0.03 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 389355
Ion Ratio Lower Upper
152 100
150 159.7 125.3 187.9
115 67.9 40.9 61.3#



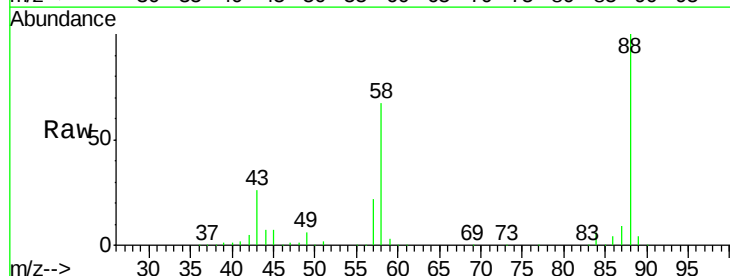
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



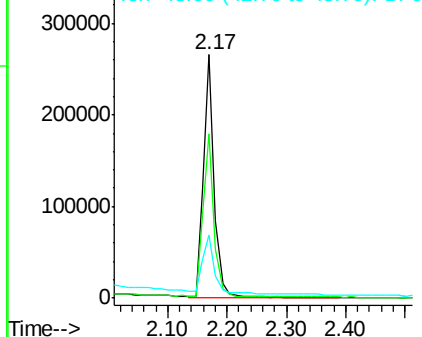
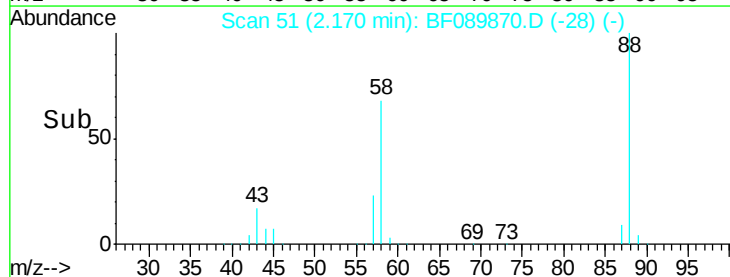
#2

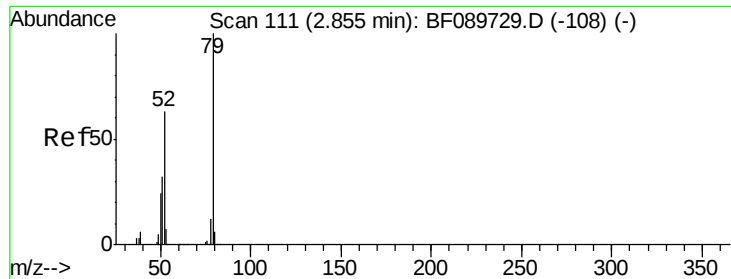
1,4-Dioxane
Concen: 28.46 ng
RT: 2.17 min Scan# 51
Delta R.T. -0.03 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion: 88 Resp: 342840
Ion Ratio Lower Upper
88 100
58 69.6 57.0 85.4
43 29.2 21.8 32.8



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 28.19 ng

RT: 2.80 min Scan# 106

Delta R.T. -0.06 min

Lab File: BF089870.D

Acq: 24 Aug 2016 13:23

Instrument :

BNA_F

ClientSampleId :

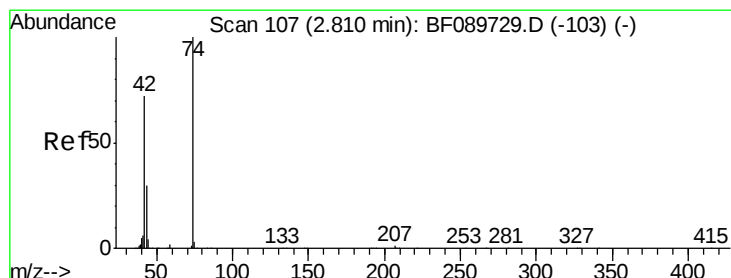
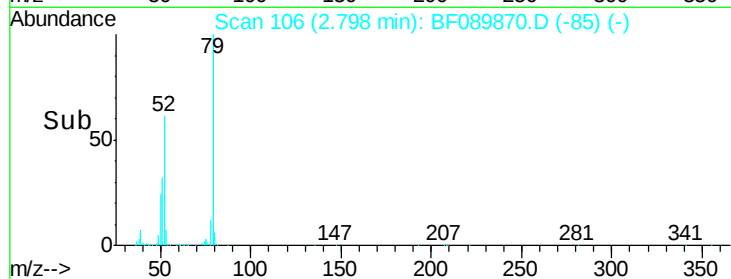
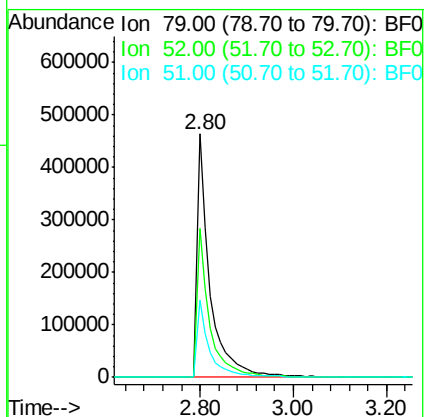
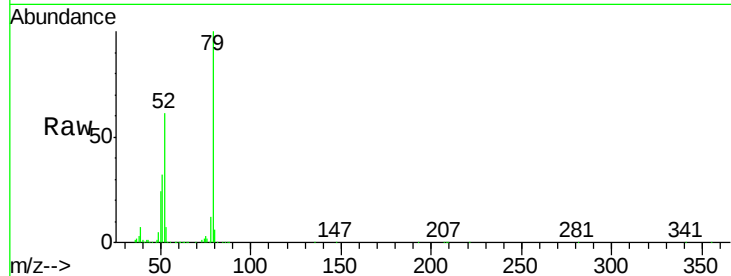
Tot Ion: 79 Resp: 875046

Ion Ratio Lower Upper

79 100

52 61.4 53.6 80.4

51 31.9 26.6 39.8



#4

n-Nitrosodimethylamine

Concen: 31.81 ng

RT: 2.75 min Scan# 102

Delta R.T. -0.06 min

Lab File: BF089870.D

Acq: 24 Aug 2016 13:23

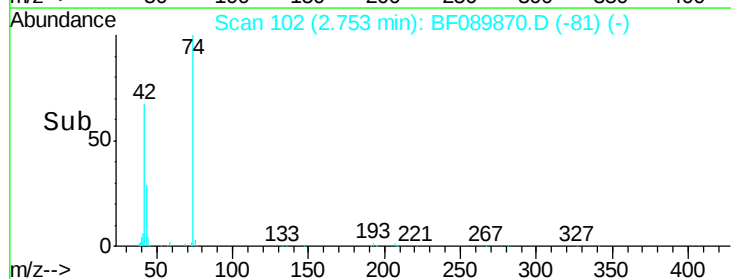
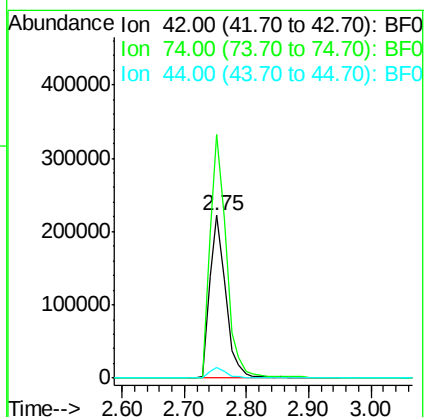
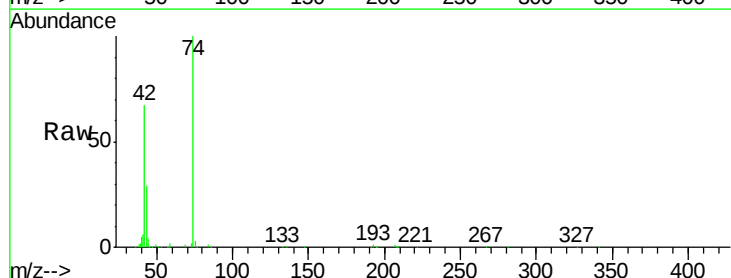
Tgt Ion: 42 Resp: 396409

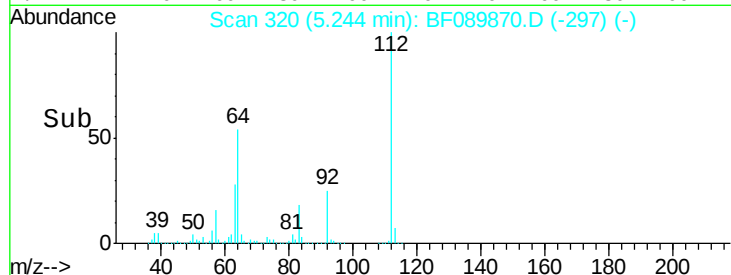
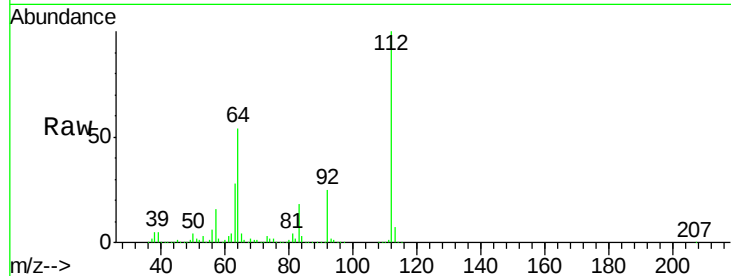
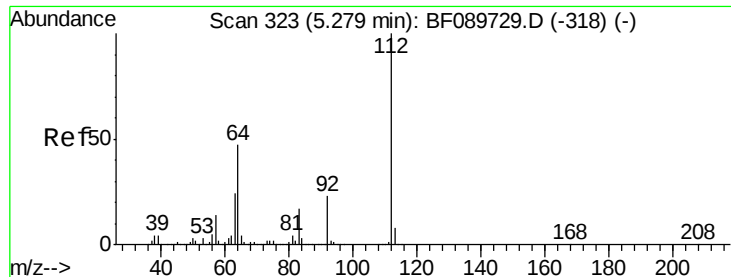
Ion Ratio Lower Upper

42 100

74 149.9 106.2 159.2

44 6.5 6.9 10.3#





#5

2-Fluorophenol

Concen: 97.83 ng

RT: 5.24 min Scan# 320

Delta R.T. -0.03 min

Lab File: BF089870.D

Acq: 24 Aug 2016 13:23

Instrument :

BNA_F

ClientSampleId :

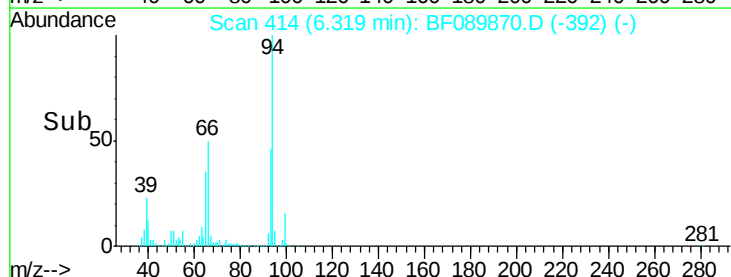
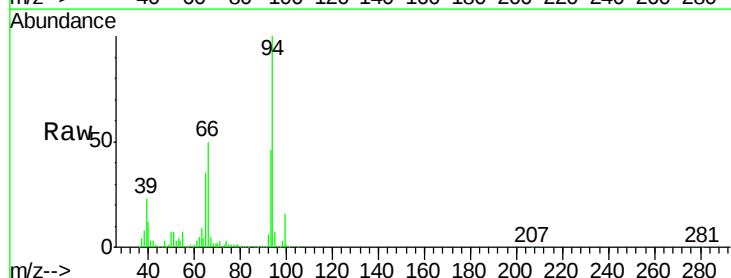
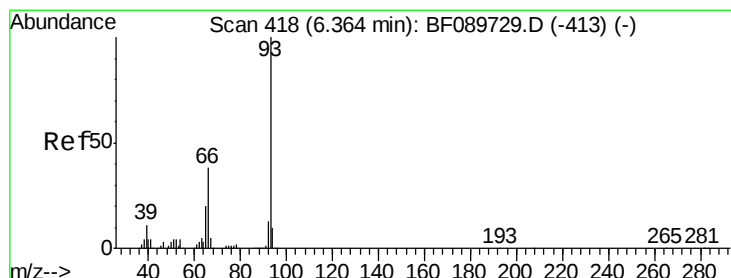
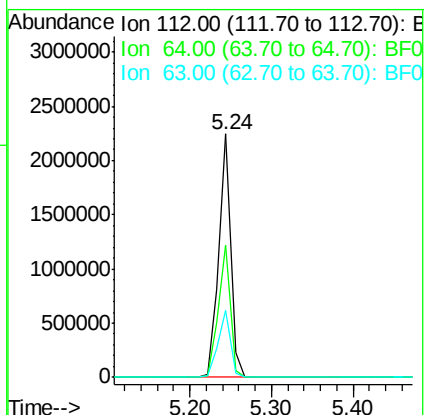
Tot Ion:112 Resp: 2282882

Ion Ratio Lower Upper

112 100

64 54.1 45.0 67.4

63 27.5 23.1 34.7



#6

Aniline

Concen: 25.50 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.05 min

Lab File: BF089870.D

Acq: 24 Aug 2016 13:23

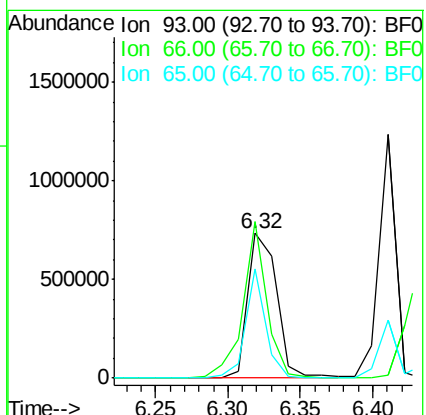
Tgt Ion: 93 Resp: 1017586

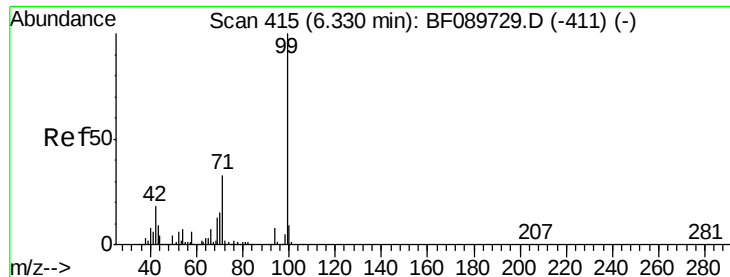
Ion Ratio Lower Upper

93 100

66 108.4 30.6 46.0#

65 75.0 15.4 23.2#





#7

Phenol-d6

Concen: 100.20 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.02 min

Lab File: BF089870.D

Acq: 24 Aug 2016 13:23

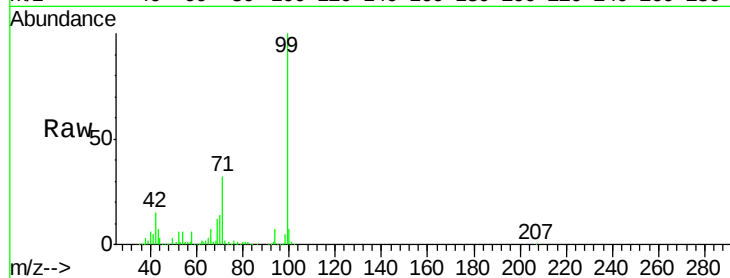
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 2974028

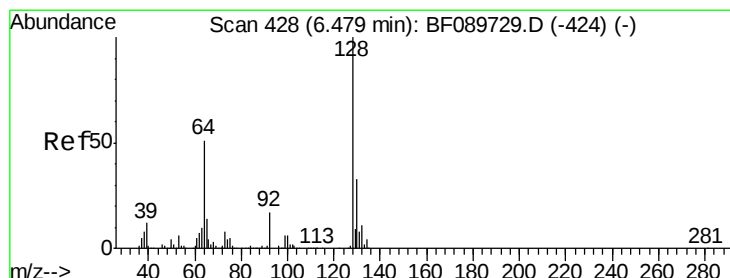
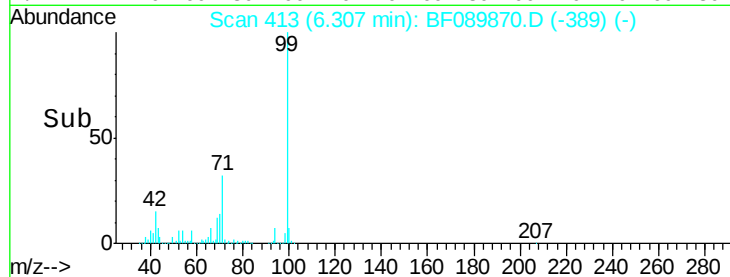
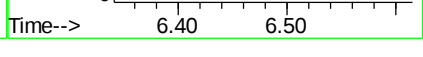
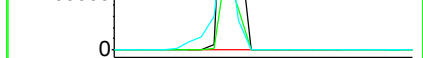
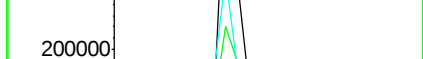
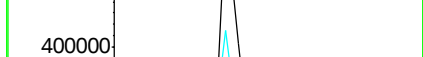
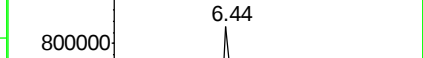
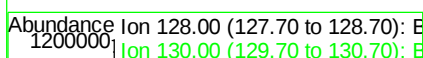
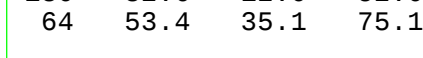
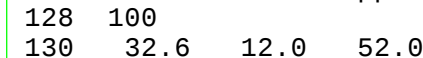
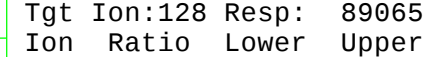
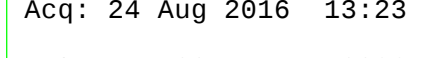
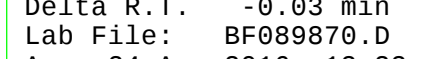
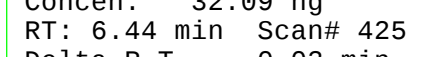
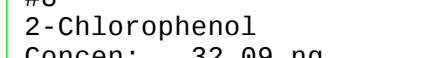
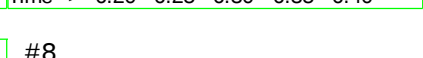
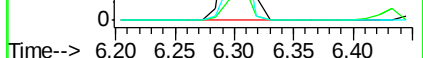
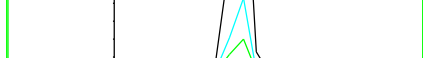
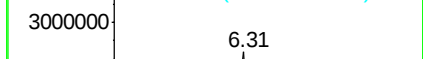
Ion	Ratio	Lower	Upper
99	100		
42	14.9	12.2	18.4
71	31.6	23.8	35.8



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 32.09 ng

RT: 6.44 min Scan# 425

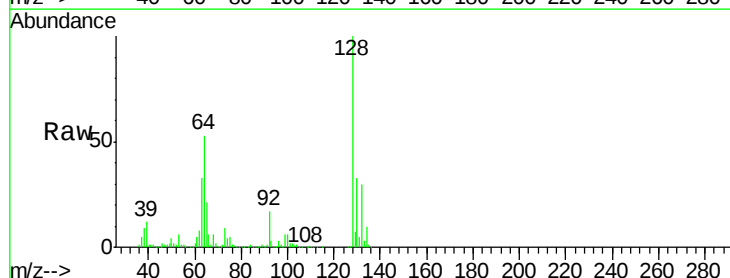
Delta R.T. -0.03 min

Lab File: BF089870.D

Acq: 24 Aug 2016 13:23

Tgt Ion:128 Resp: 890658

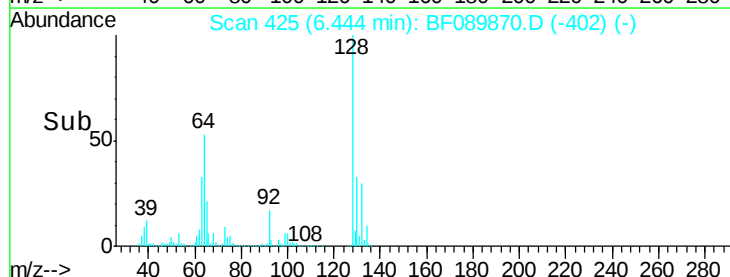
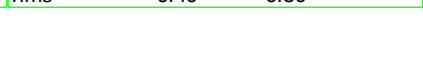
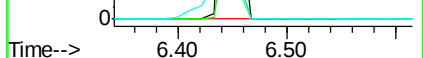
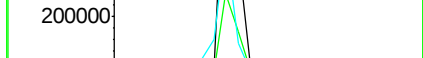
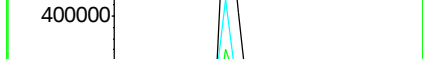
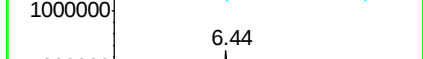
Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.0	52.0
64	53.4	35.1	75.1

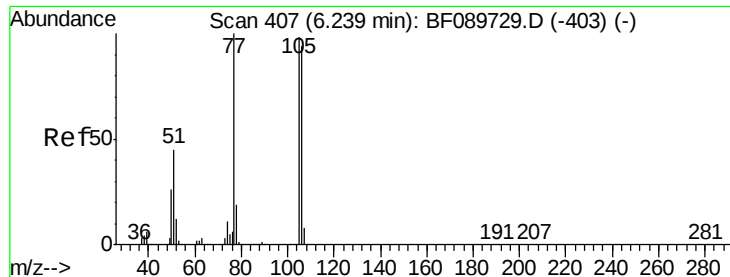


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 11.16 ng

RT: 6.20 min Scan# 404

Delta R.T. -0.03 min

Lab File: BF089870.D

Acq: 24 Aug 2016 13:23

Instrument :

BNA_F

ClientSampleId :

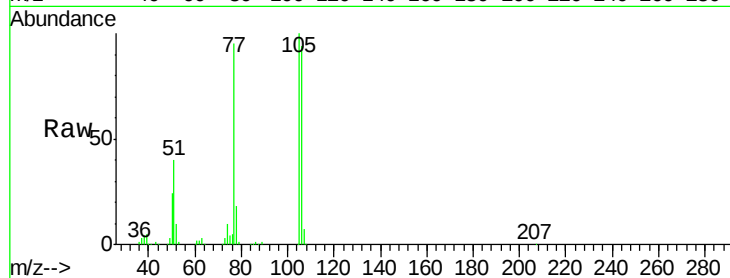
Tot Ion: 77 Resp: 219603

Ion Ratio Lower Upper

77 100

105 105.7 73.3 113.3

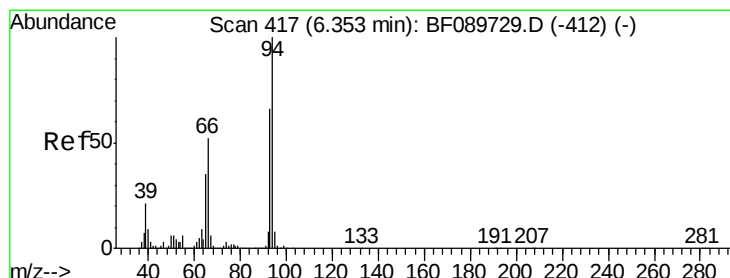
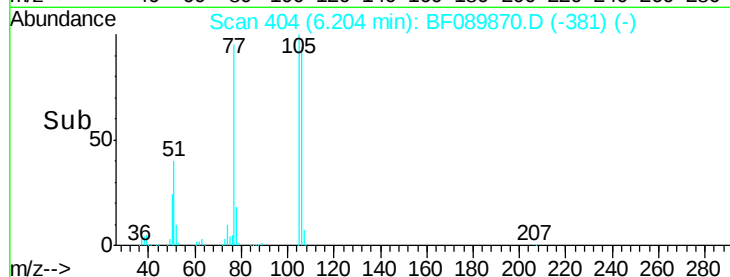
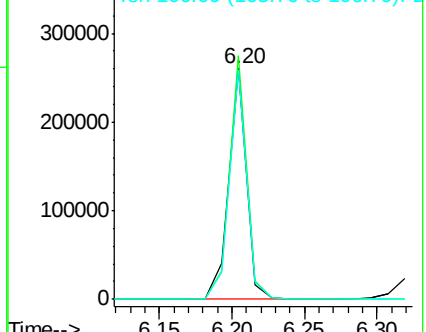
106 99.6 68.6 108.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 34.81 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.03 min

Lab File: BF089870.D

Acq: 24 Aug 2016 13:23

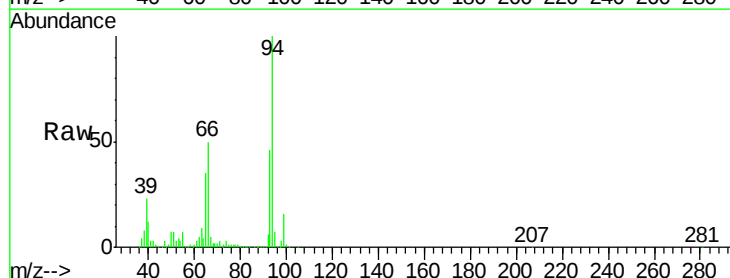
Tgt Ion: 94 Resp: 1286053

Ion Ratio Lower Upper

94 100

65 34.8 14.0 54.0

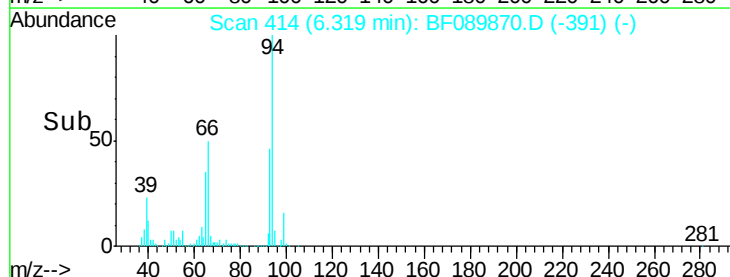
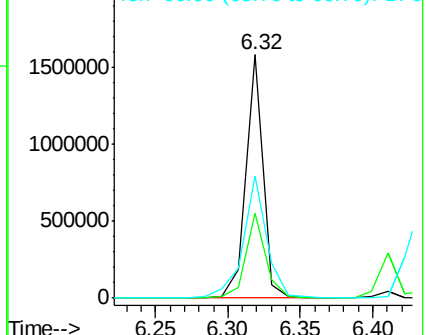
66 50.3 31.2 71.2

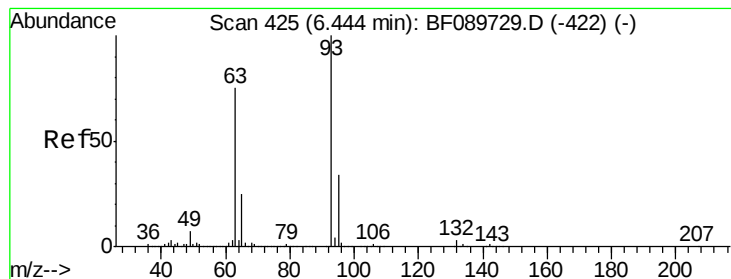


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



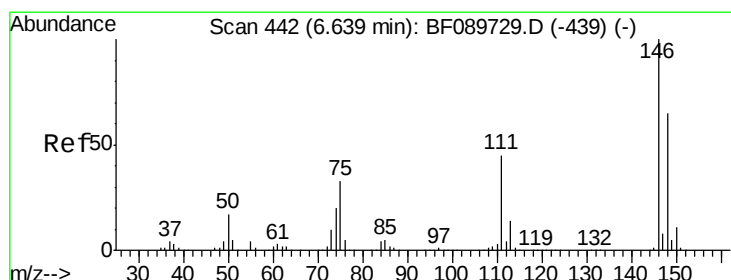
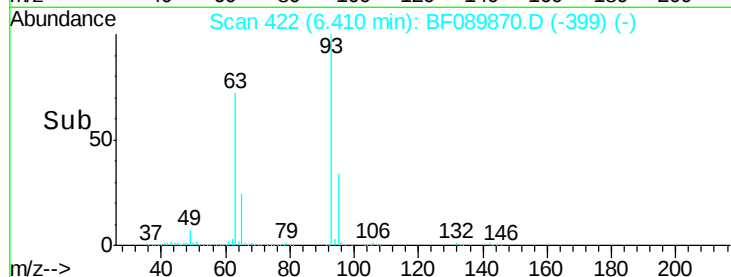
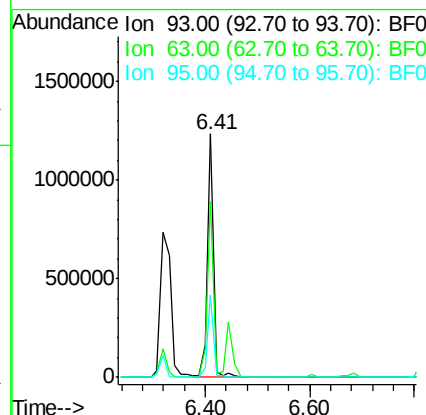
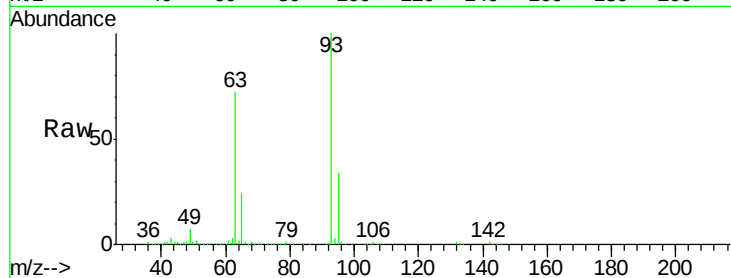


#11
 bis(2-Chloroethyl)ether
 Concen: 36.92 ng
 RT: 6.41 min Scan# 422
 Delta R.T. -0.03 min
 Lab File: BF089870.D
 Acq: 24 Aug 2016 13:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 93 Resp: 1010684

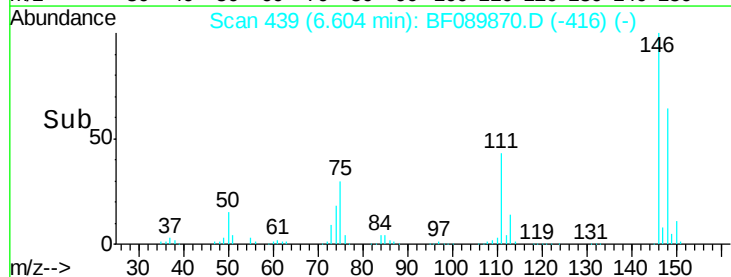
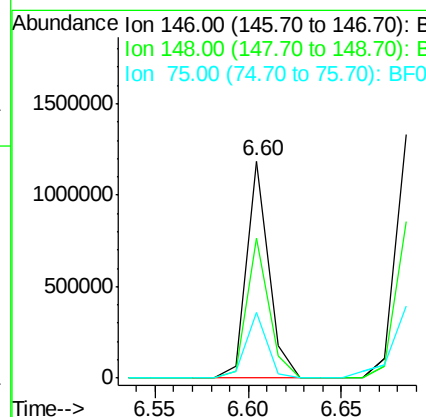
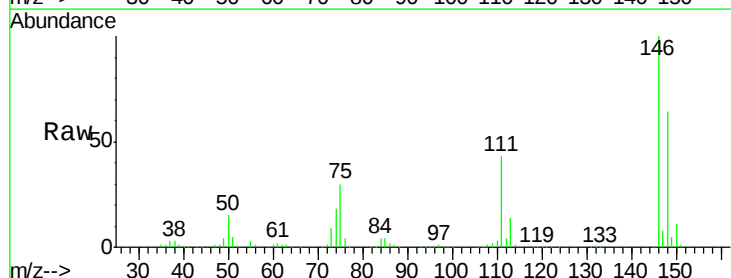
Ion	Ratio	Lower	Upper
93	100		
63	72.1	55.8	95.8
95	33.7	13.0	53.0

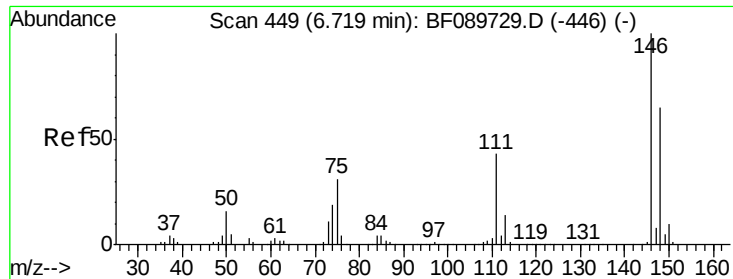


#12
 1,3-Dichlorobenzene
 Concen: 33.23 ng
 RT: 6.60 min Scan# 439
 Delta R.T. -0.03 min
 Lab File: BF089870.D
 Acq: 24 Aug 2016 13:23

Tgt Ion: 146 Resp: 985969

Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.0	76.4
75	30.2	27.0	40.6

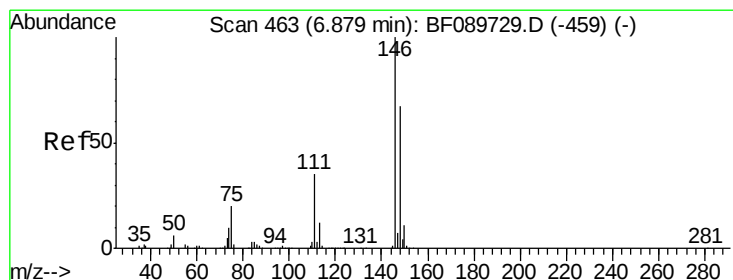
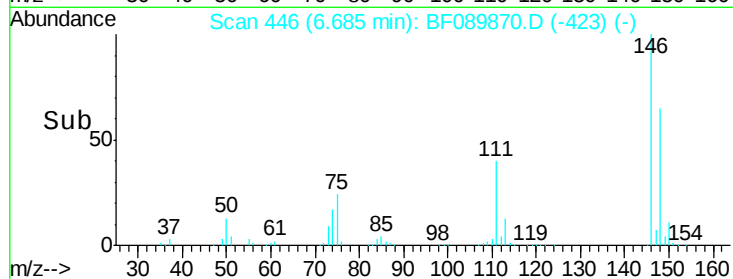
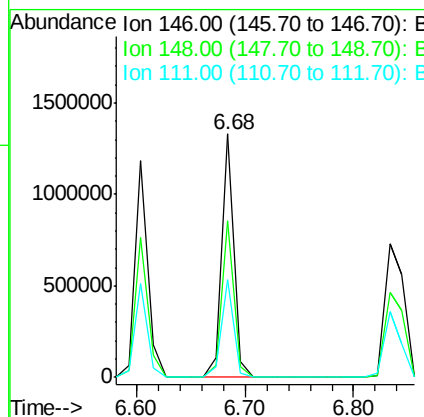
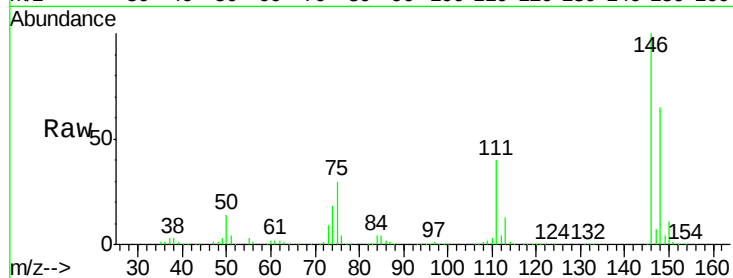




#13
 1,4-Dichlorobenzene
 Concen: 34.84 ng
 RT: 6.68 min Scan# 446
 Delta R.T. -0.03 min
 Lab File: BF089870.D
 Acq: 24 Aug 2016 13:23

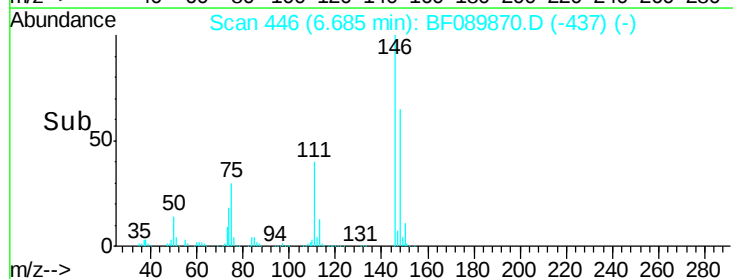
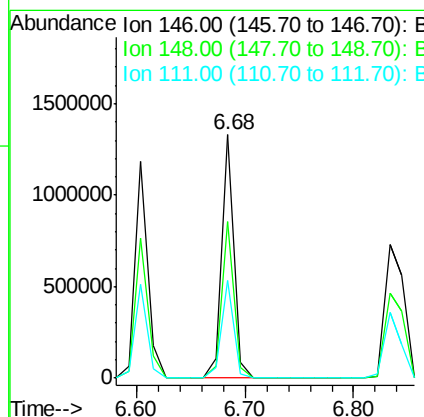
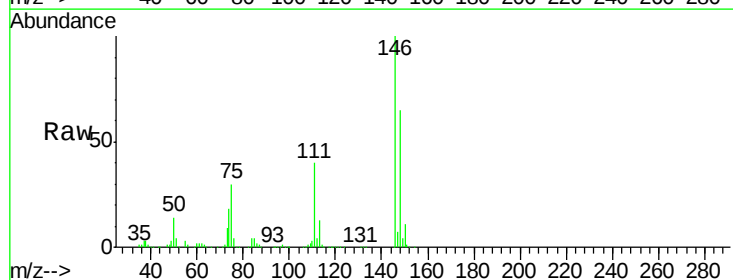
Instrument :
 BNA_F
 ClientSampleId :

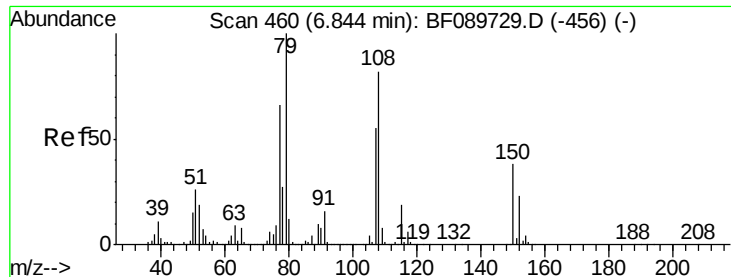
Tot Ion:146 Resp: 1047230
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.0 76.6
 111 40.4 34.6 52.0



#14
 1,2-Dichlorobenzene
 Concen: 36.54 ng
 RT: 6.68 min Scan# 446
 Delta R.T. -0.19 min
 Lab File: BF089870.D
 Acq: 24 Aug 2016 13:23

Tgt Ion:146 Resp: 1047230
 Ion Ratio Lower Upper
 146 100
 148 64.5 52.2 78.2
 111 40.4 29.8 44.6





#15

Benzyl Alcohol

Concen: 34.06 ng

RT: 6.81 min Scan# 457

Delta R.T. -0.03 min

Lab File: BF089870.D

Acq: 24 Aug 2016 13:23

Instrument :

BNA_F

ClientSampled :

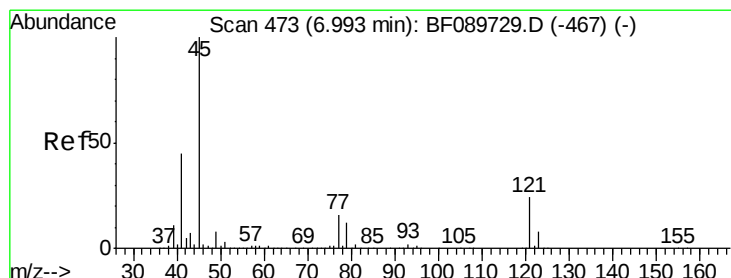
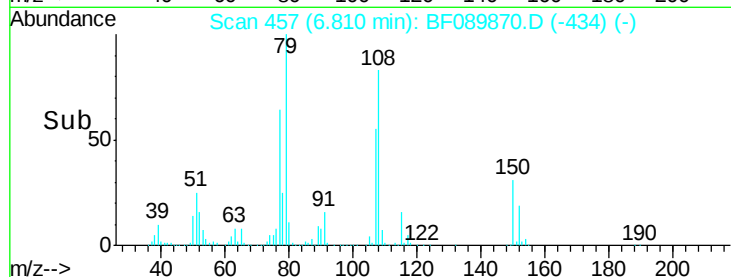
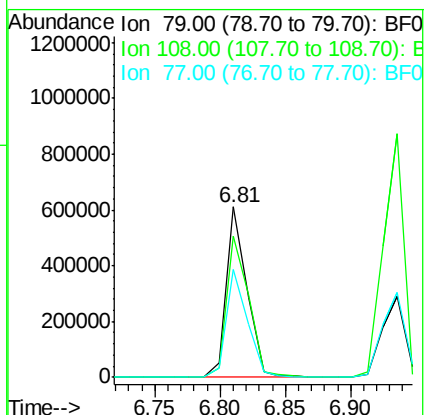
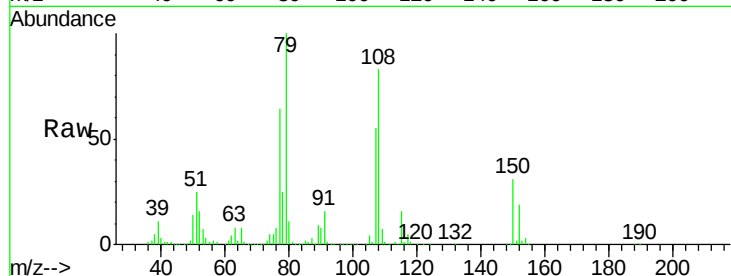
Tot Ion: 79 Resp: 675596

Ion Ratio Lower Upper

79 100

108 83.0 62.5 93.7

77 63.7 51.5 77.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 28.66 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.03 min

Lab File: BF089870.D

Acq: 24 Aug 2016 13:23

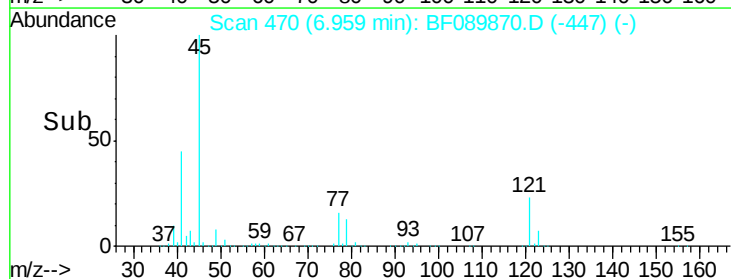
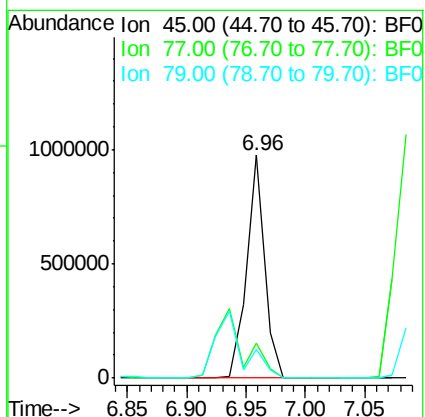
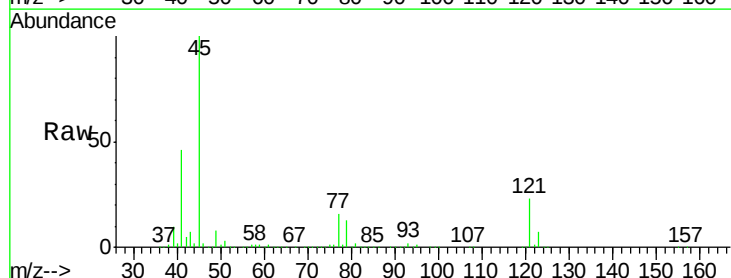
Tgt Ion: 45 Resp: 1029447

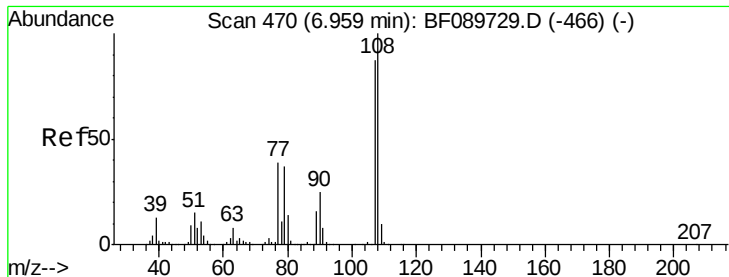
Ion Ratio Lower Upper

45 100

77 15.9 0.0 33.5

79 12.6 0.0 30.7





#17

2-Methylphenol

Concen: 37.16 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.02 min

Lab File: BF089870.D

Acq: 24 Aug 2016 13:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 819432

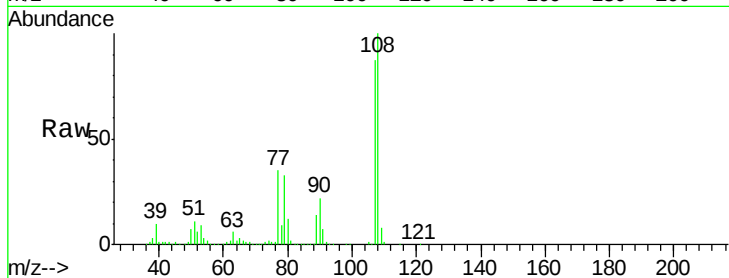
Ion Ratio Lower Upper

107 100

108 114.8 91.0 136.4

77 40.0 37.4 56.0

79 38.4 36.6 55.0

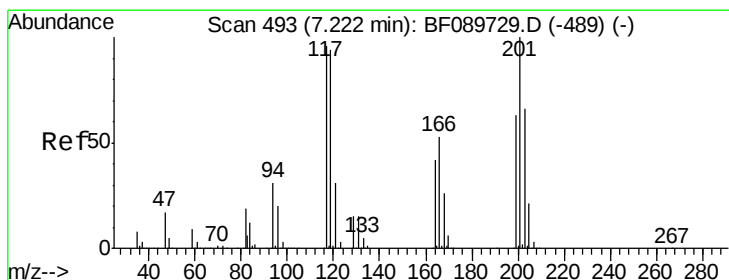
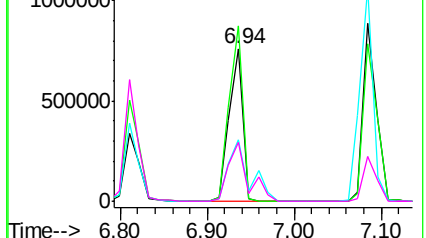
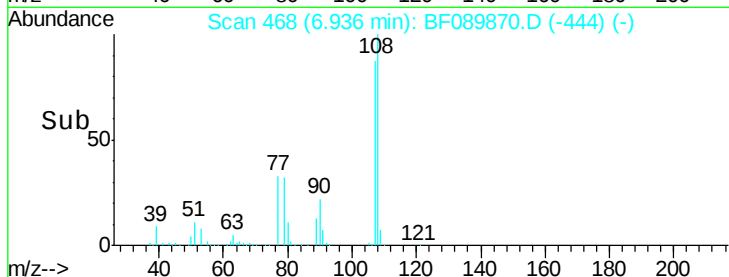


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 32.17 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.03 min

Lab File: BF089870.D

Acq: 24 Aug 2016 13:23

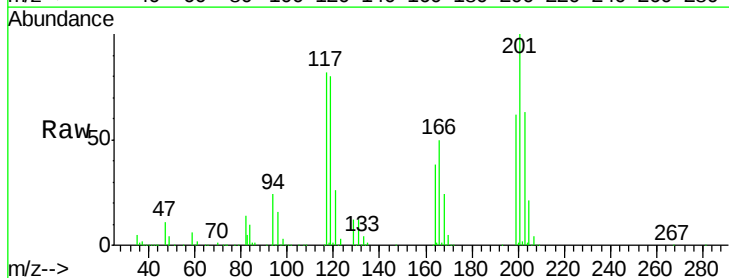
Tgt Ion:117 Resp: 354396

Ion Ratio Lower Upper

117 100

119 97.7 77.1 115.7

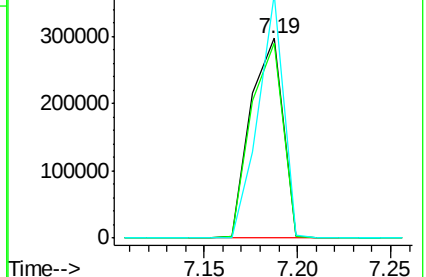
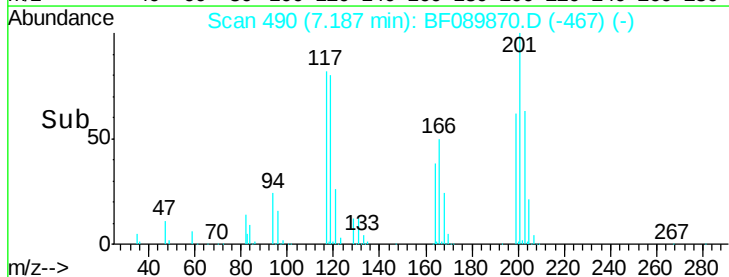
201 121.9 76.9 115.3#

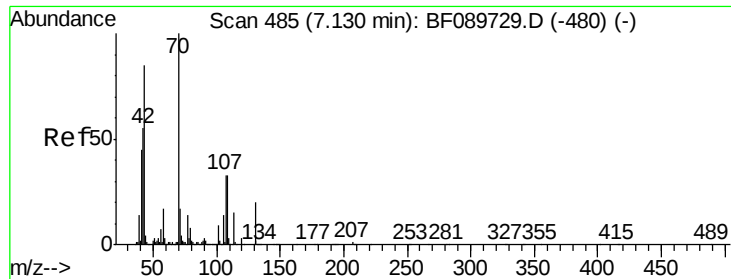


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

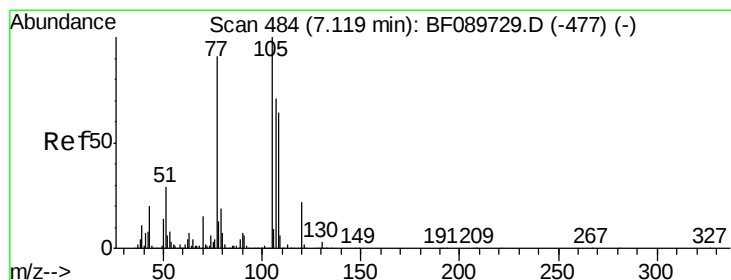
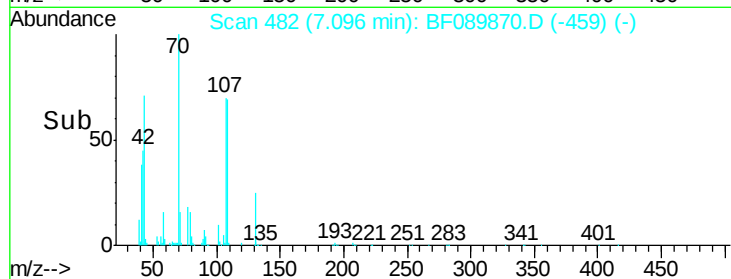
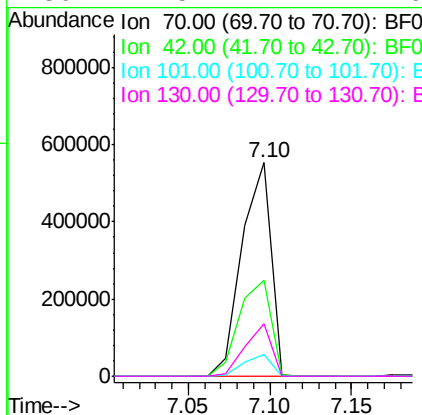
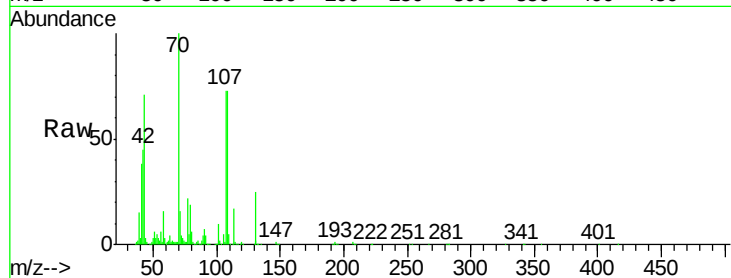




#19
n-Nitroso-di-n-propylamine
Concen: 35.23 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.03 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

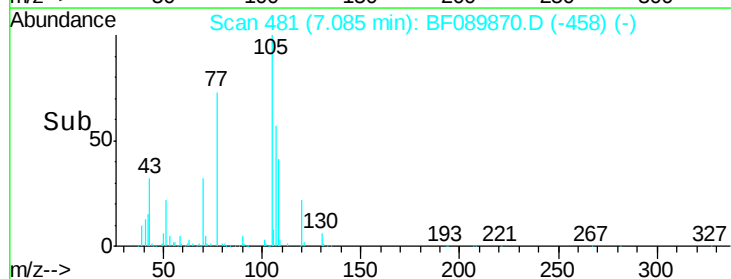
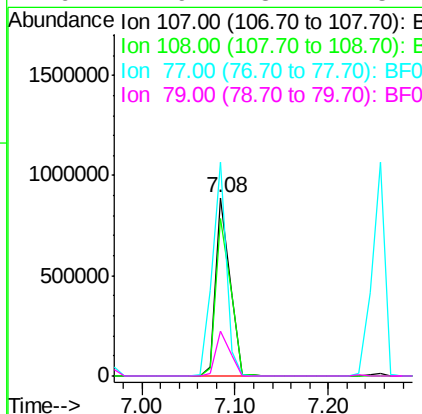
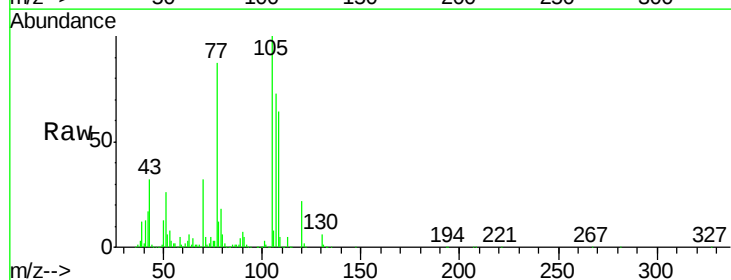
Instrument :
BNA_F
ClientSampleId :

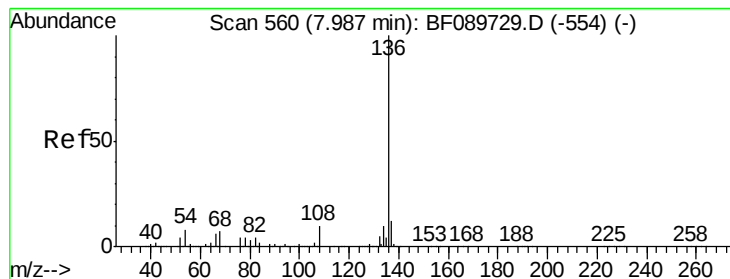
Tot Ion: 70 Resp: 684859
Ion Ratio Lower Upper
70 100
42 45.0 46.3 69.5#
101 10.5 7.0 10.6
130 24.5 14.4 21.6#



#20
3+4-Methylphenols
Concen: 32.90 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.03 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:107 Resp: 929029
Ion Ratio Lower Upper
107 100
108 88.2 68.2 108.2
77 119.7 122.3 162.3#
79 24.9 8.2 48.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 557

Delta R.T. -0.03 min

Lab File: BF089870.D

Acq: 24 Aug 2016 13:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1612727

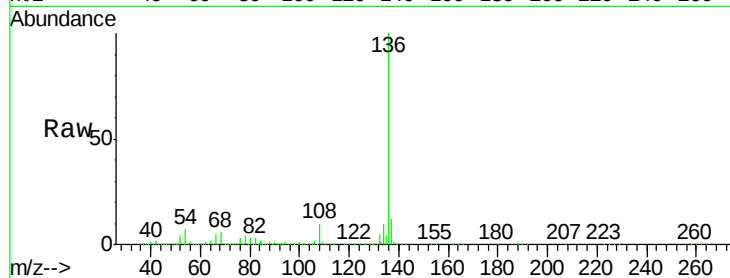
Ion Ratio Lower Upper

136 100

137 11.6 9.2 13.8

54 6.9 7.2 10.8#

68 6.1 5.8 8.8

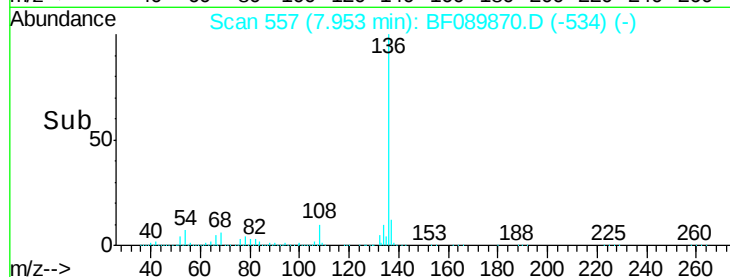


Abundance Ion 136.00 (135.70 to 136.70): E

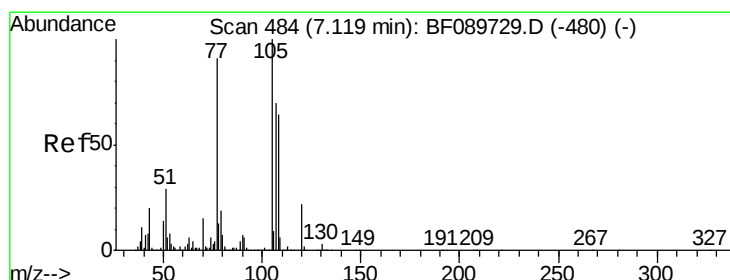
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 32.39 ng

RT: 7.08 min Scan# 481

Delta R.T. -0.03 min

Lab File: BF089870.D

Acq: 24 Aug 2016 13:23

Tgt Ion:105 Resp: 1214350

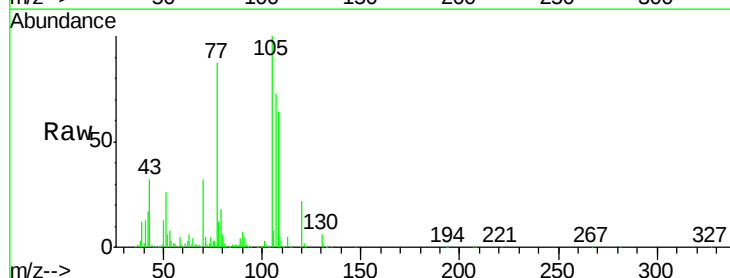
Ion Ratio Lower Upper

105 100

71 5.3 1.9 2.9#

51 26.2 28.5 42.7#

120 22.0 16.6 25.0

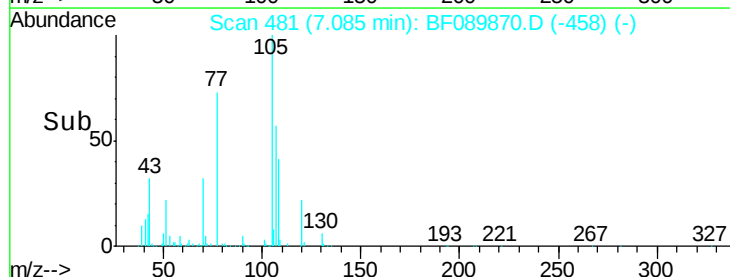


Abundance Ion 105.00 (104.70 to 105.70): E

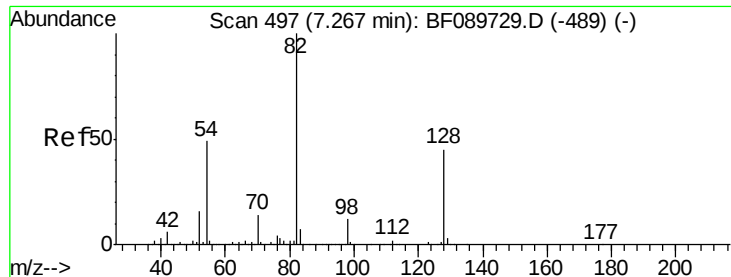
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



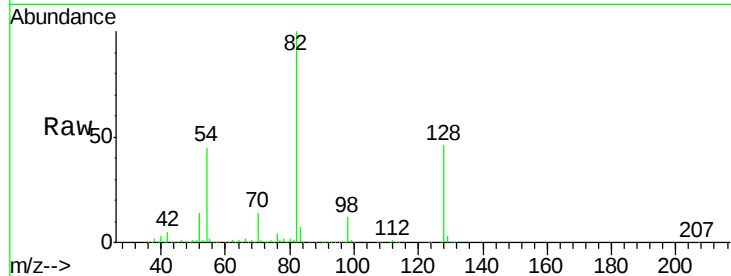
Time-->



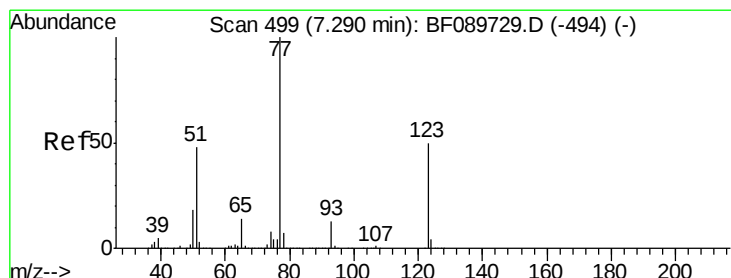
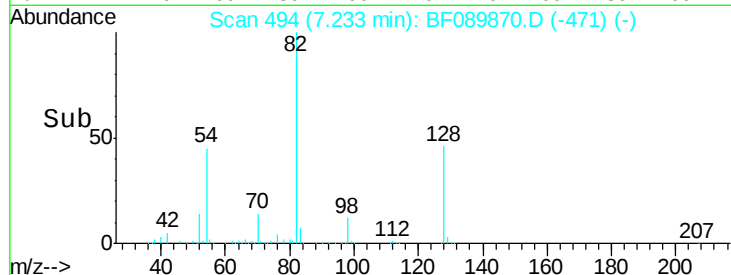
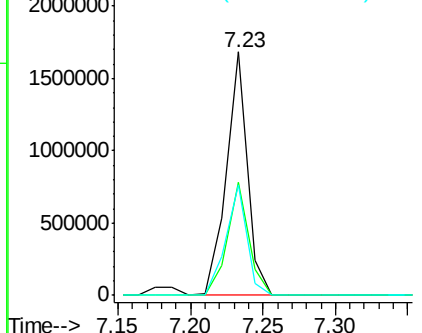
#23
Nitrobenzene-d5
Concen: 64.40 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.03 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 1700871
Ion Ratio Lower Upper
82 100
128 46.3 34.4 51.6
54 45.4 40.3 60.5

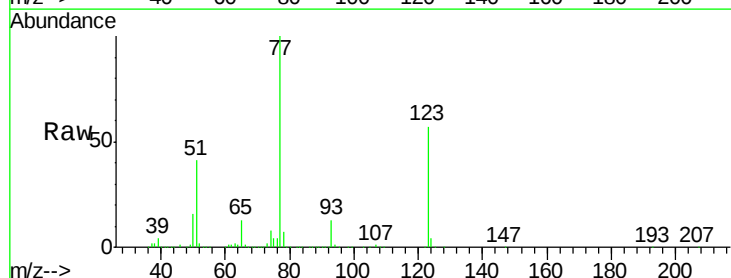


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

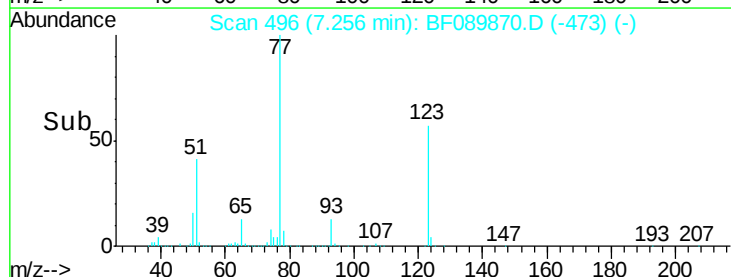
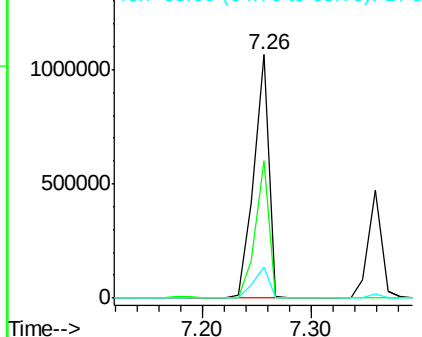


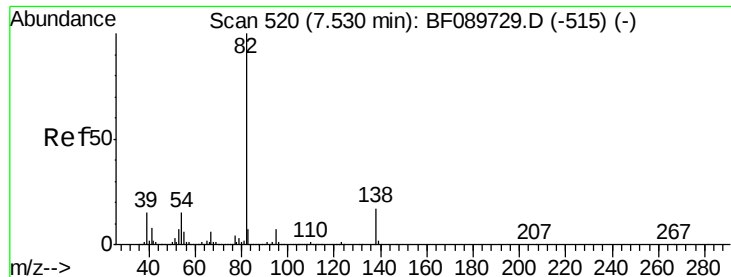
#24
Nitrobenzene
Concen: 34.73 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.03 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion: 77 Resp: 1031726
Ion Ratio Lower Upper
77 100
123 56.7 36.2 54.2#
65 12.7 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0

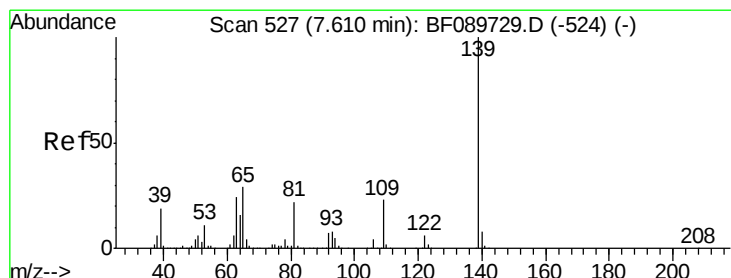
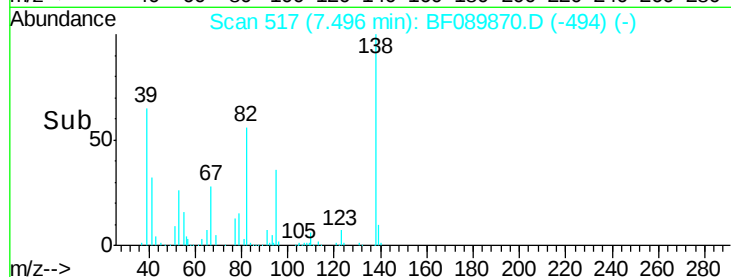
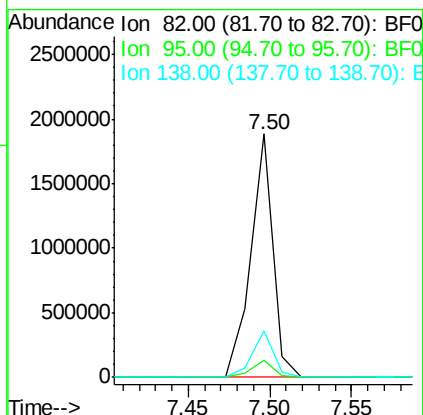
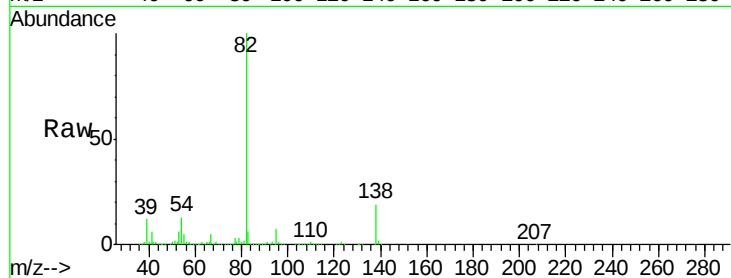




#25
Isophorone
Concen: 33.51 ng
RT: 7.50 min Scan# 517
Delta R.T. -0.03 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

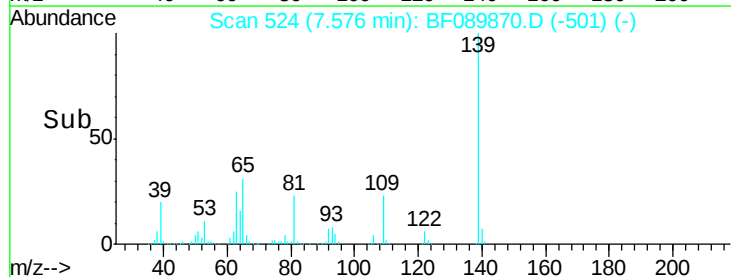
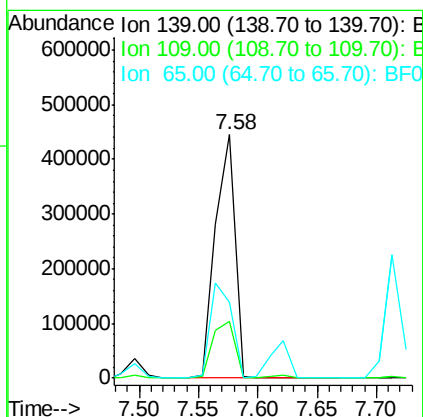
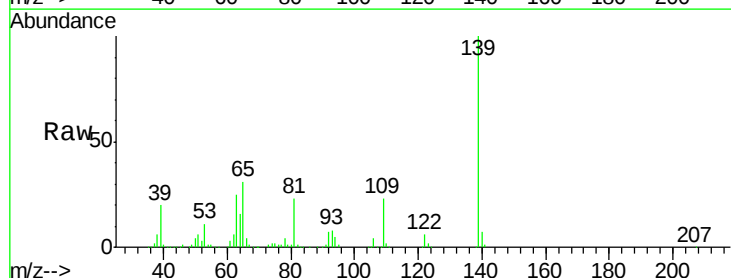
Instrument :
BNA_F
ClientSampled :

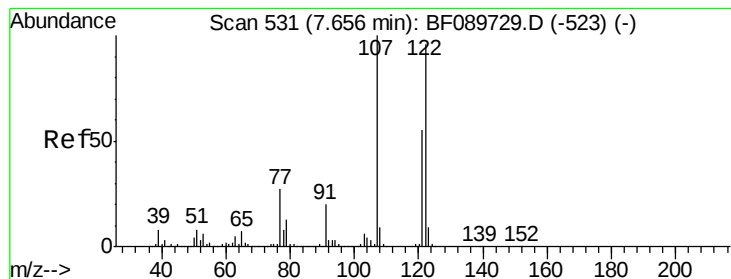
Tot Ion: 82 Resp: 1771051
Ion Ratio Lower Upper
82 100
95 6.8 5.3 7.9
138 18.9 13.0 19.4



#26
2-Nitrophenol
Concen: 36.36 ng
RT: 7.58 min Scan# 524
Delta R.T. -0.03 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion: 139 Resp: 508323
Ion Ratio Lower Upper
139 100
109 23.1 19.5 29.3
65 31.3 26.5 39.7





#27

2,4-Dimethylphenol

Concen: 35.06 ng

RT: 7.62 min Scan# 528

Delta R.T. -0.03 min

Lab File: BF089870.D

Acq: 24 Aug 2016 13:23

Instrument :

BNA_F

ClientSampleId :

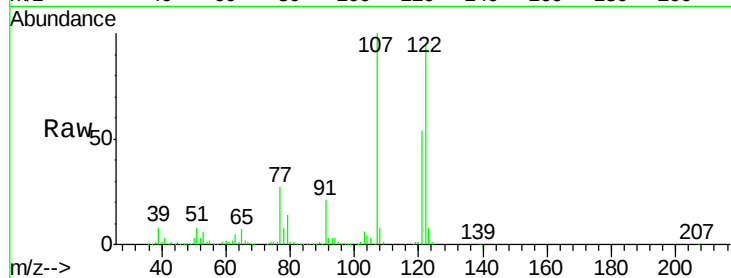
Tot Ion:122 Resp: 928994

Ion Ratio Lower Upper

122 100

107 105.8 84.8 127.2

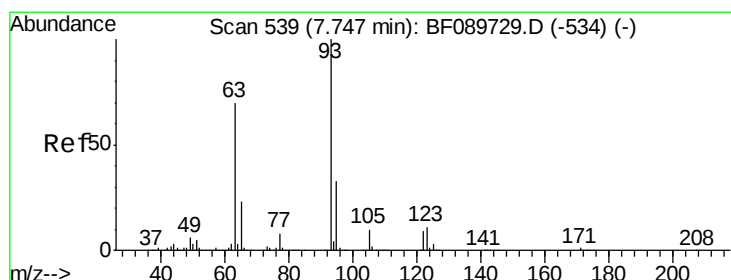
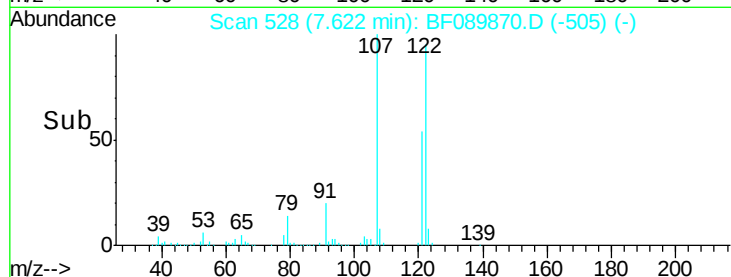
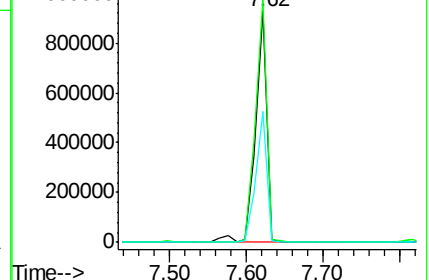
121 57.2 47.0 70.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 32.83 ng

RT: 7.71 min Scan# 536

Delta R.T. -0.03 min

Lab File: BF089870.D

Acq: 24 Aug 2016 13:23

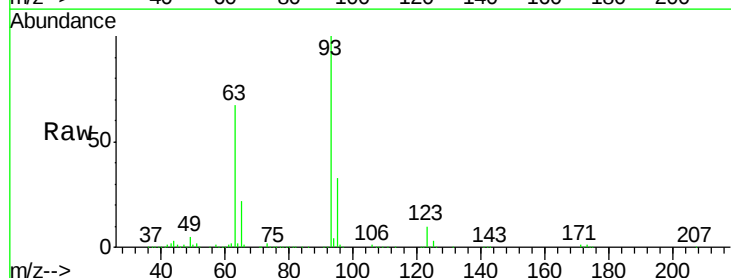
Tgt Ion: 93 Resp: 1054118

Ion Ratio Lower Upper

93 100

95 32.7 25.5 38.3

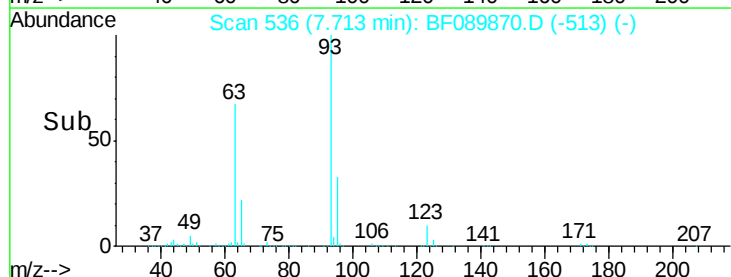
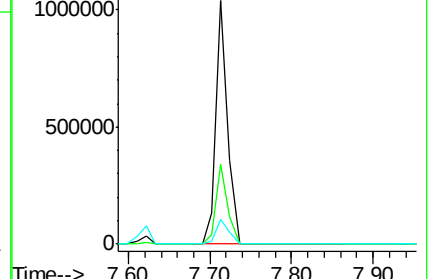
123 10.2 8.5 12.7

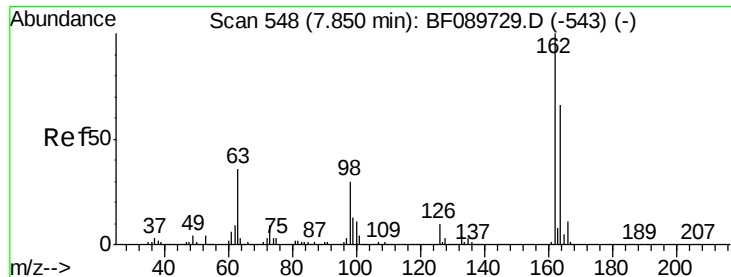


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 37.93 ng

RT: 7.82 min Scan# 545

Delta R.T. -0.03 min

Lab File: BF089870.D

Acq: 24 Aug 2016 13:23

Instrument :

BNA_F

ClientSampleId :

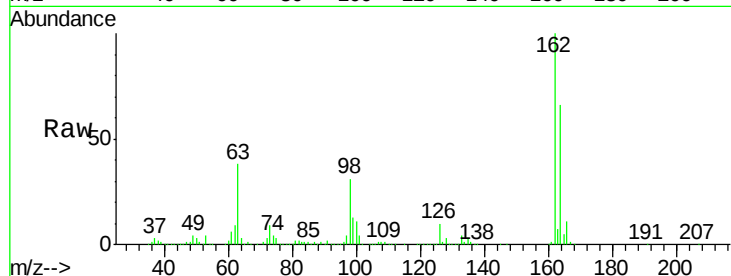
Tot Ion:162 Resp: 836694

Ion Ratio Lower Upper

162 100

164 65.6 45.5 85.5

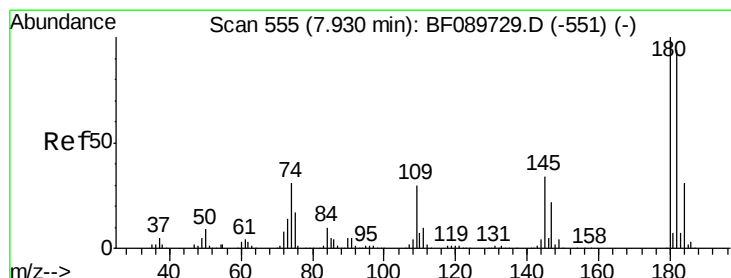
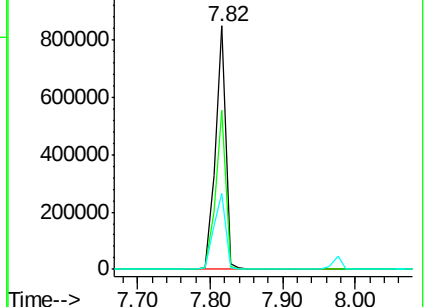
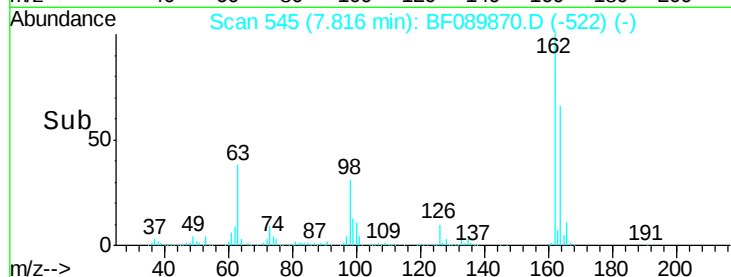
98 31.0 12.4 52.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 33.27 ng

RT: 7.90 min Scan# 552

Delta R.T. -0.03 min

Lab File: BF089870.D

Acq: 24 Aug 2016 13:23

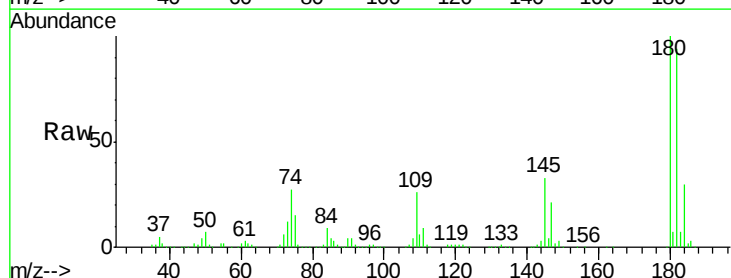
Tgt Ion:180 Resp: 787964

Ion Ratio Lower Upper

180 100

182 93.8 75.5 113.3

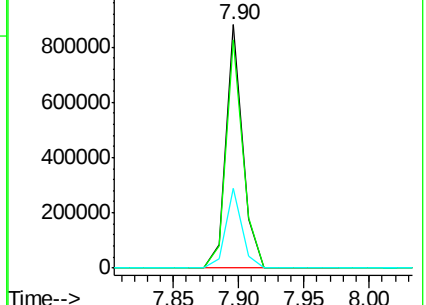
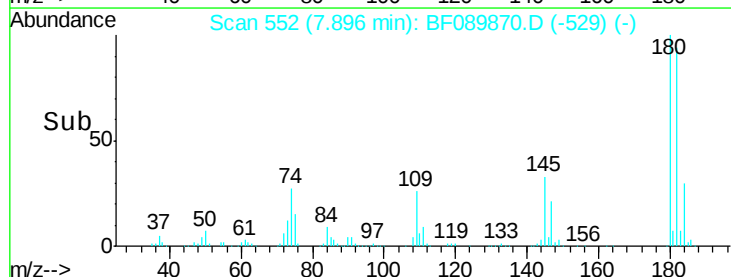
145 32.8 28.7 43.1

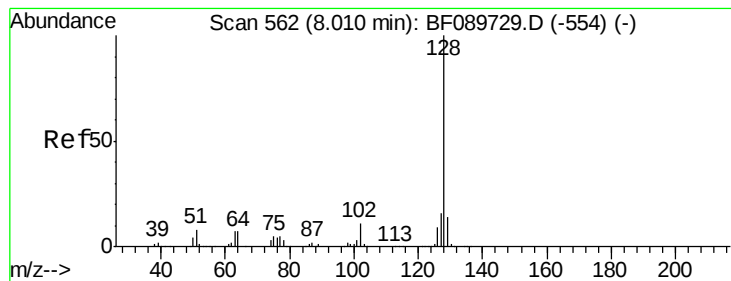


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 36.81 ng

RT: 7.98 min Scan# 559

Delta R.T. -0.03 min

Lab File: BF089870.D

Acq: 24 Aug 2016 13:23

Instrument :

BNA_F

ClientSampleId :

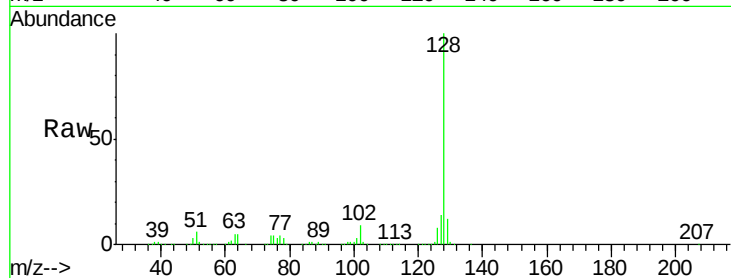
Tot Ion:128 Resp: 2664320

Ion Ratio Lower Upper

128 100

129 12.1 9.5 14.3

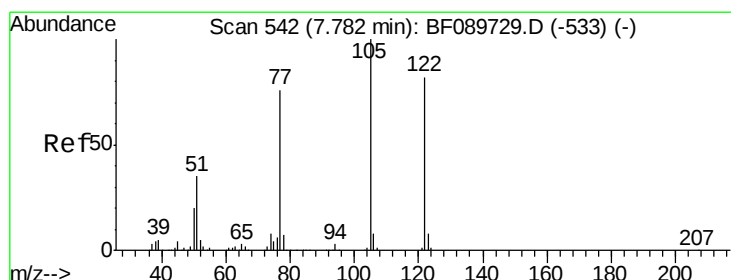
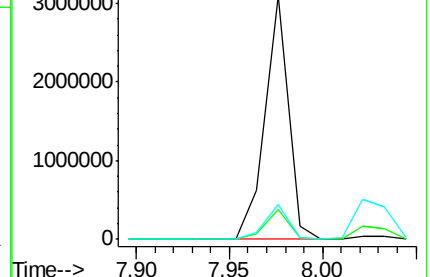
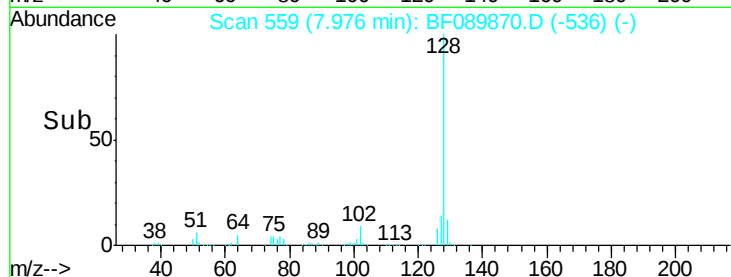
127 14.3 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 45.10 ng

RT: 7.62 min Scan# 528

Delta R.T. -0.16 min

Lab File: BF089870.D

Acq: 24 Aug 2016 13:23

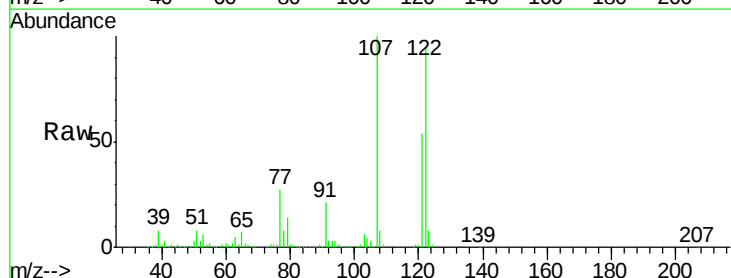
Tgt Ion:122 Resp: 928994

Ion Ratio Lower Upper

122 100

105 3.3 100.8 140.8#

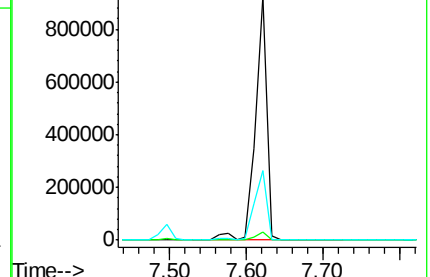
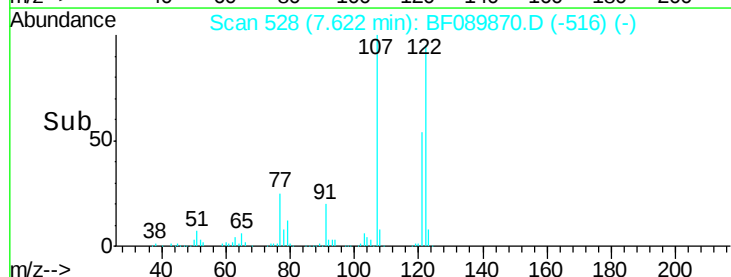
77 28.6 72.1 112.1#

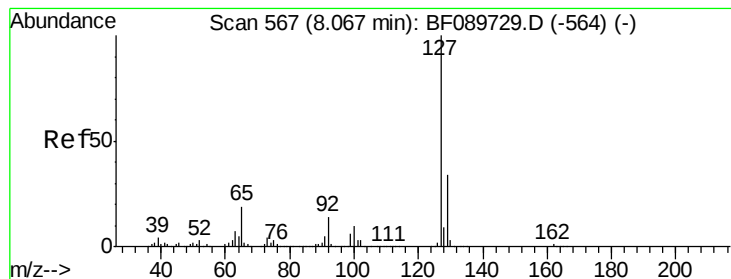


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 20.13 ng

RT: 8.02 min Scan# 563

Delta R.T. -0.05 min

Lab File: BF089870.D

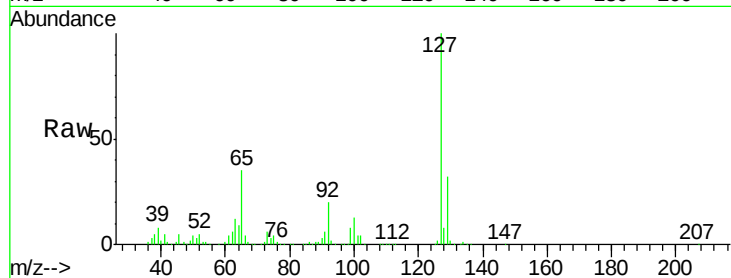
Acq: 24 Aug 2016 13:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	127	Resp:	674371
Ion	Ratio	Lower	Upper
127	100		
129	31.7	27.0	40.6
65	34.8	14.7	22.1#
92	20.0	11.7	17.5#

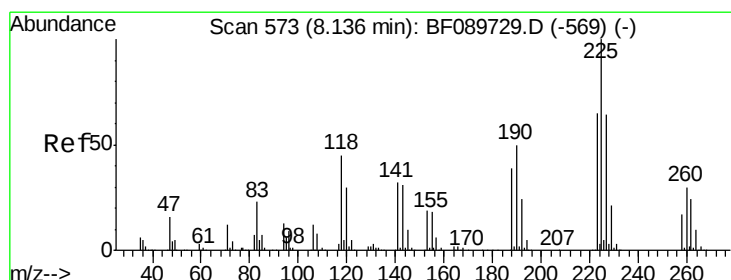
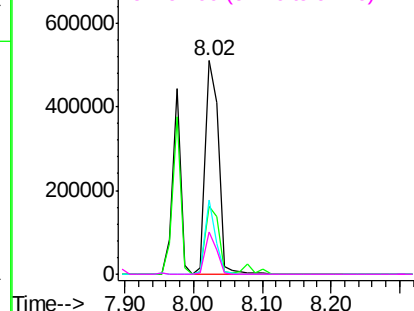
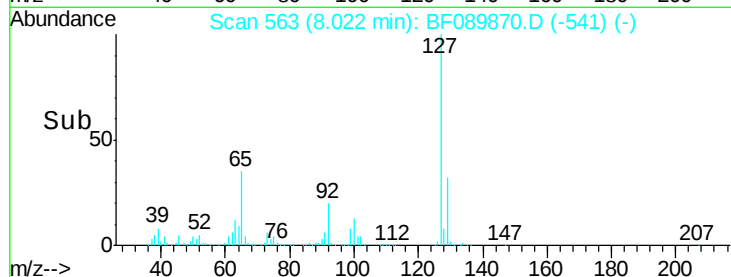


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 32.84 ng

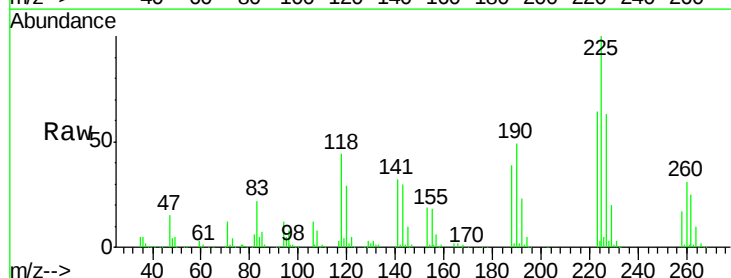
RT: 8.10 min Scan# 570

Delta R.T. -0.03 min

Lab File: BF089870.D

Acq: 24 Aug 2016 13:23

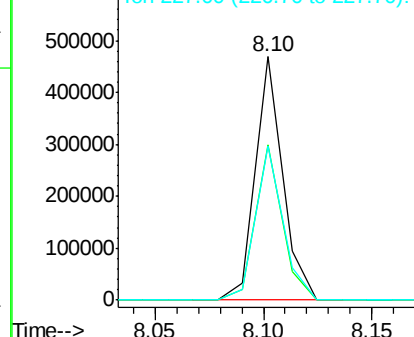
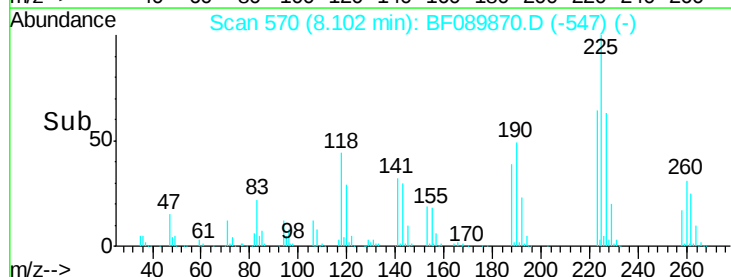
Tgt Ion:	225	Resp:	408543
Ion	Ratio	Lower	Upper
225	100		
223	63.8	51.0	76.6
227	63.4	49.8	74.6

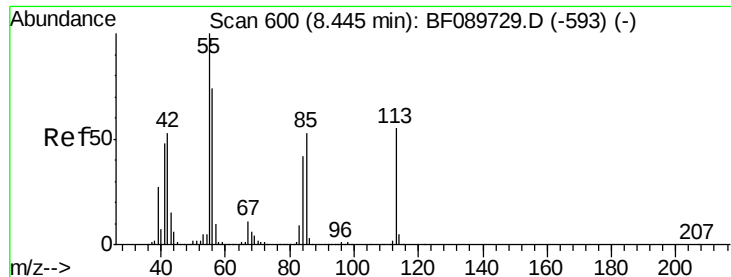


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 31.84 ng

RT: 8.38 min Scan# 594

Delta R.T. -0.07 min

Lab File: BF089870.D

Acq: 24 Aug 2016 13:23

Instrument :

BNA_F

ClientSampleId :

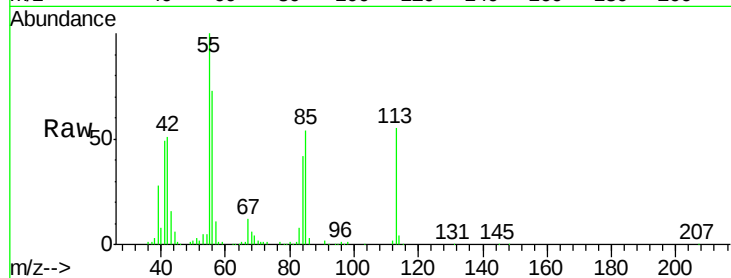
Tot Ion:113 Resp: 216485

Ion Ratio Lower Upper

113 100

55 182.0 135.9 175.9#

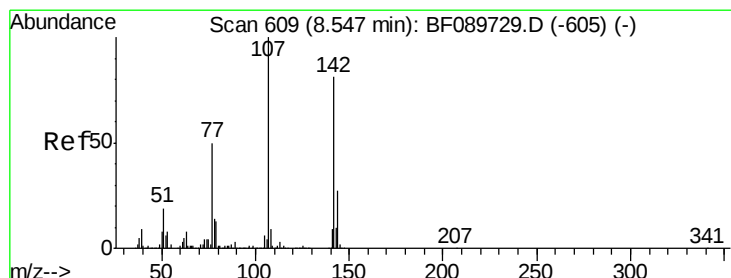
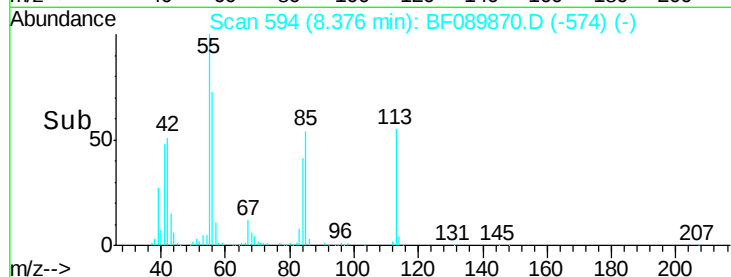
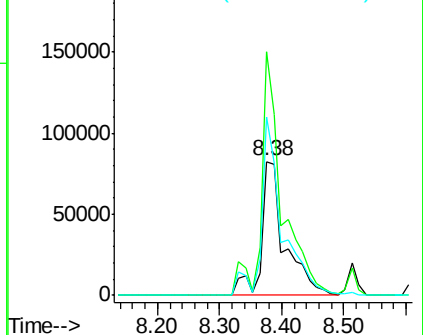
56 133.2 93.9 133.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 32.43 ng

RT: 8.51 min Scan# 606

Delta R.T. -0.03 min

Lab File: BF089870.D

Acq: 24 Aug 2016 13:23

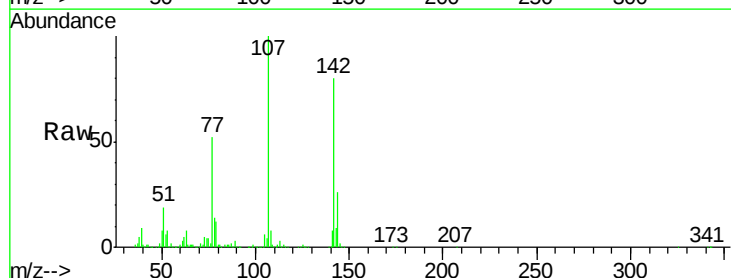
Tgt Ion:107 Resp: 778742

Ion Ratio Lower Upper

107 100

144 25.7 22.6 34.0

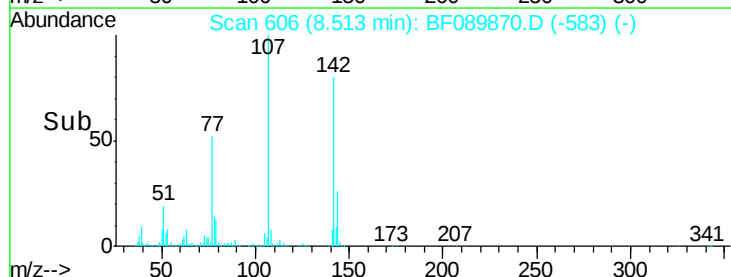
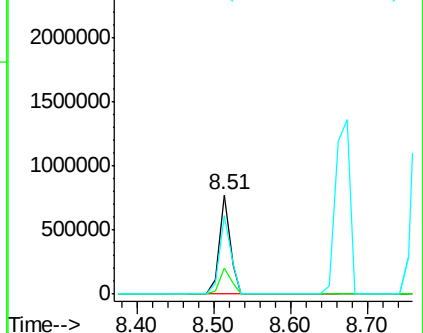
142 79.6 69.3 103.9

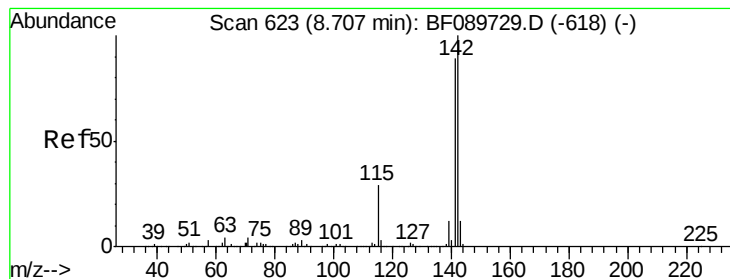


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 36.54 ng

RT: 8.67 min Scan# 620

Delta R.T. -0.03 min

Lab File: BF089870.D

Acq: 24 Aug 2016 13:23

Instrument :

BNA_F

ClientSampled :

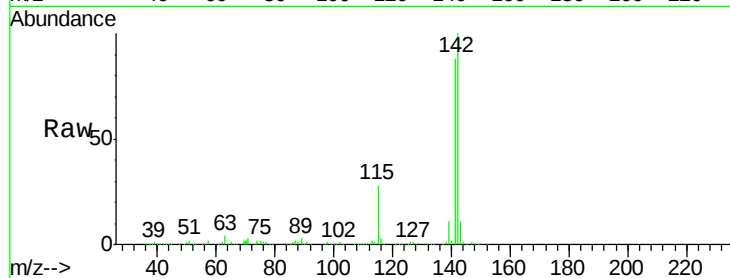
Tot Ion:142 Resp: 1800503

Ion Ratio Lower Upper

142 100

141 88.4 71.4 107.2

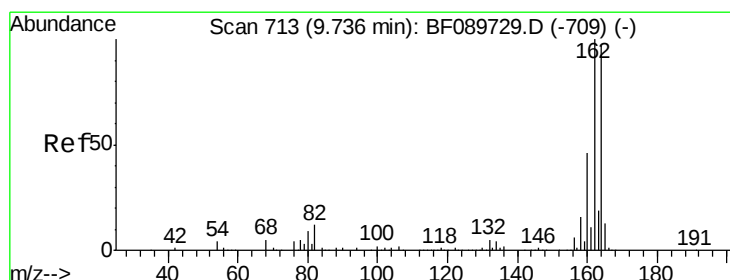
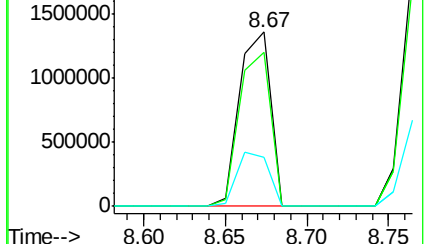
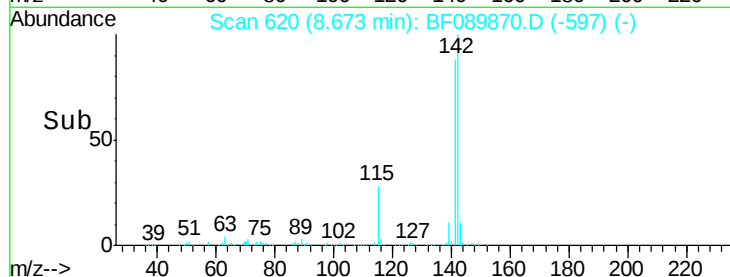
115 28.0 22.7 34.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.70 min Scan# 710

Delta R.T. -0.03 min

Lab File: BF089870.D

Acq: 24 Aug 2016 13:23

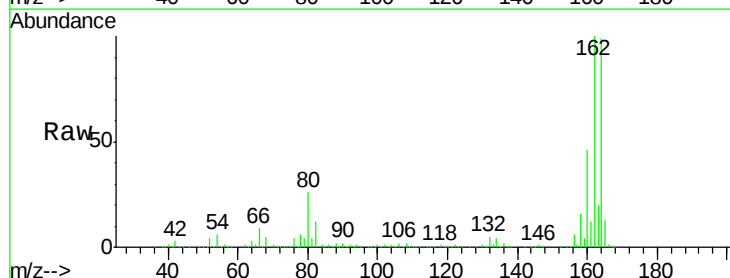
Tgt Ion:164 Resp: 719931

Ion Ratio Lower Upper

164 100

162 100.6 81.4 122.2

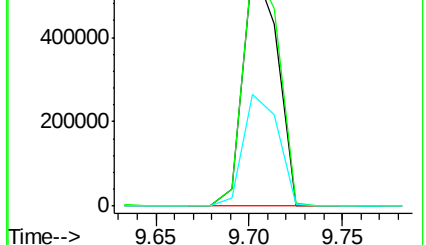
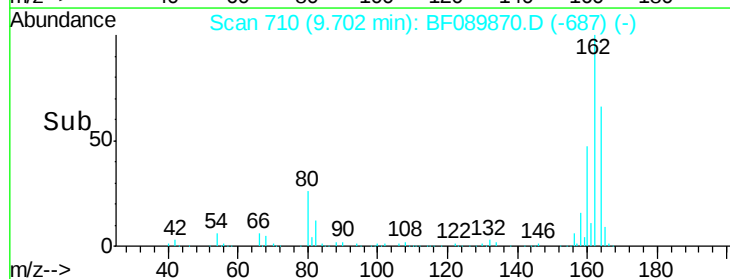
160 46.1 37.8 56.6

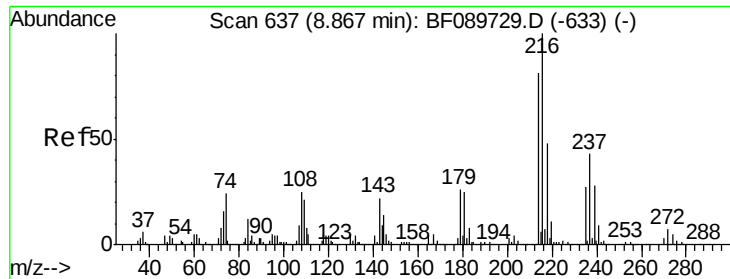


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 26.75 ng

RT: 8.83 min Scan# 634

Delta R.T. -0.03 min

Lab File: BF089870.D

Acq: 24 Aug 2016 13:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 619134

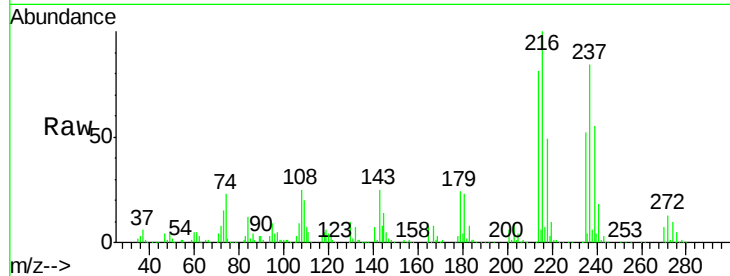
Ion Ratio Lower Upper

216 100

214 79.8 63.5 95.3

179 23.0 19.9 29.9

108 25.1 19.9 29.9

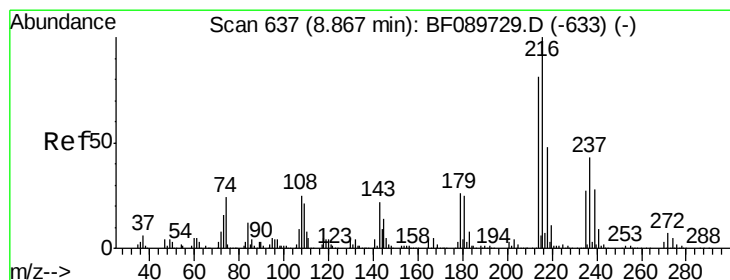
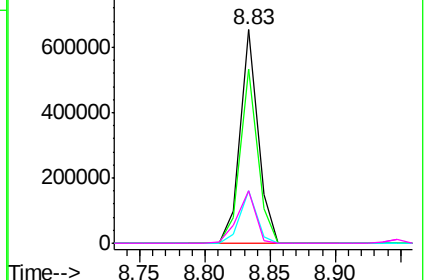
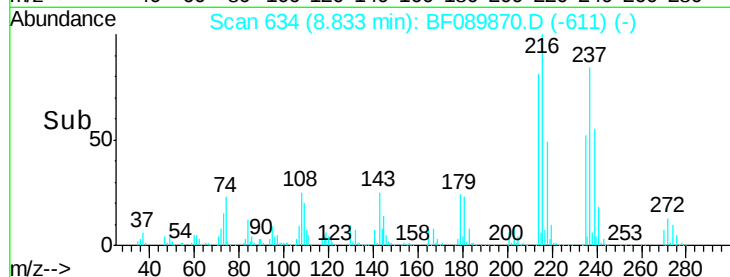


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 68.46 ng

RT: 8.83 min Scan# 634

Delta R.T. -0.03 min

Lab File: BF089870.D

Acq: 24 Aug 2016 13:23

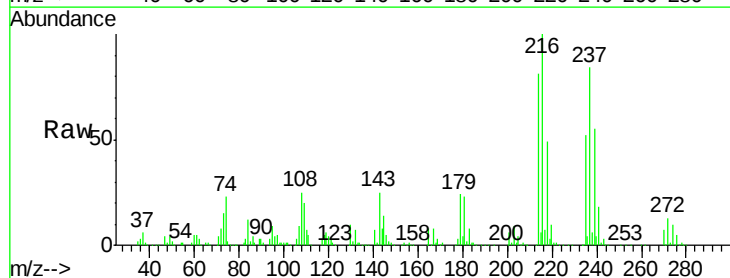
Tgt Ion:237 Resp: 706184

Ion Ratio Lower Upper

237 100

235 62.1 43.7 83.7

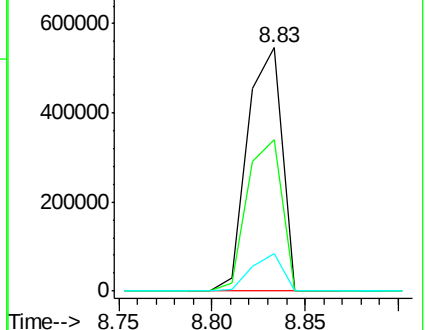
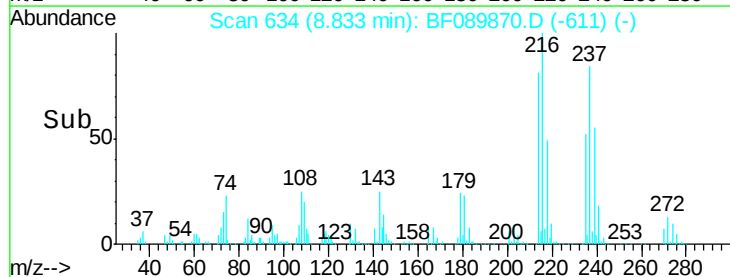
272 15.5 0.0 31.6

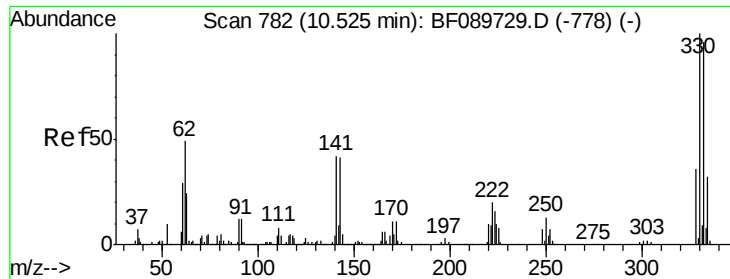


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

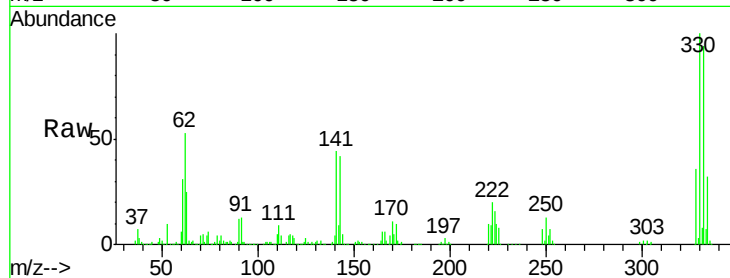




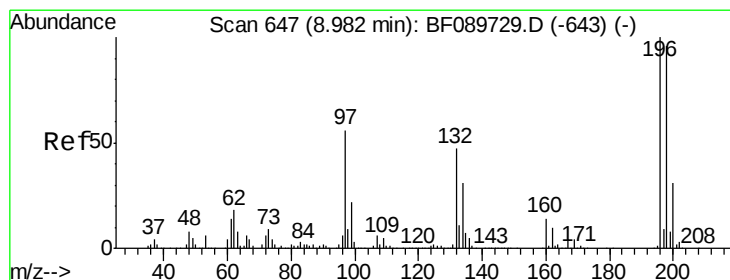
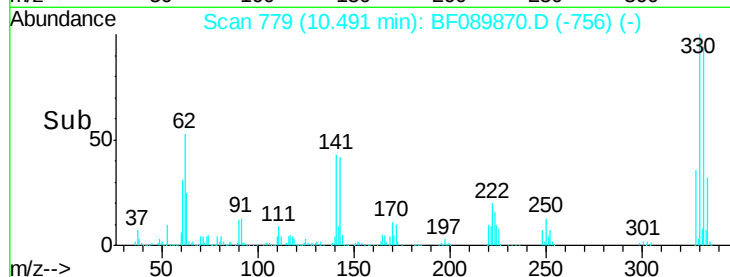
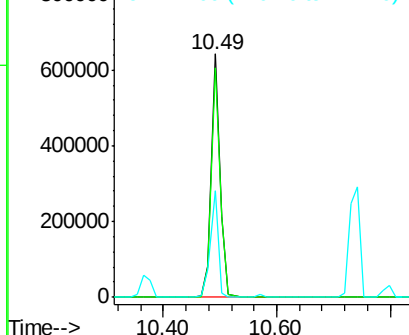
#41
 2,4,6-Tribromophenol
 Concen: 95.10 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.03 min
 Lab File: BF089870.D
 Acq: 24 Aug 2016 13:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 662318
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.7 115.1
 141 38.8 30.2 45.2

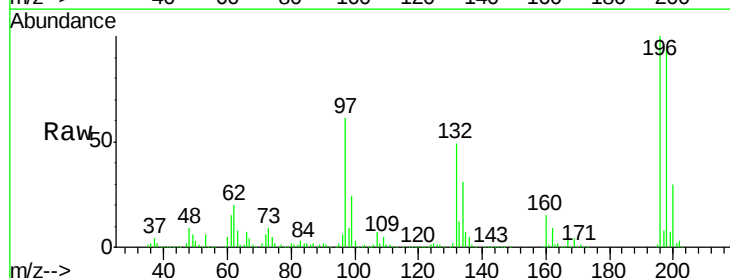


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

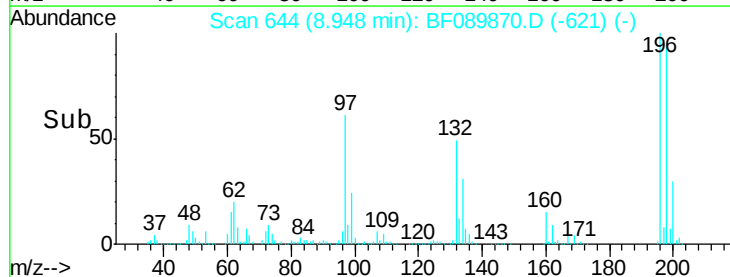
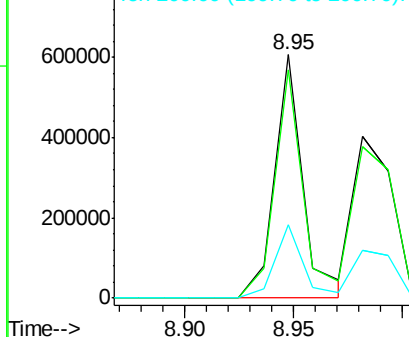


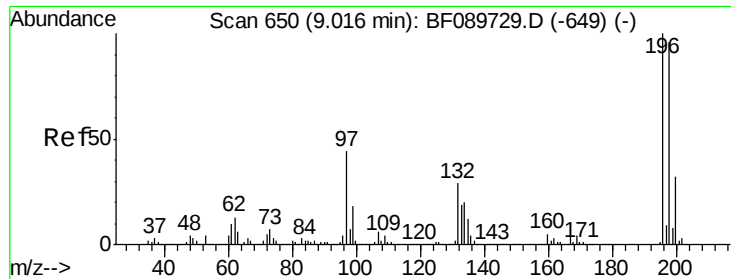
#42
 2,4,6-Trichlorophenol
 Concen: 37.20 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.03 min
 Lab File: BF089870.D
 Acq: 24 Aug 2016 13:23

Tgt Ion:196 Resp: 556186
 Ion Ratio Lower Upper
 196 100
 198 93.9 76.3 114.5
 200 30.1 24.6 36.8



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

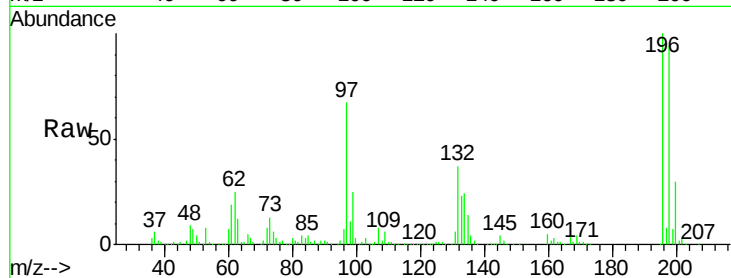




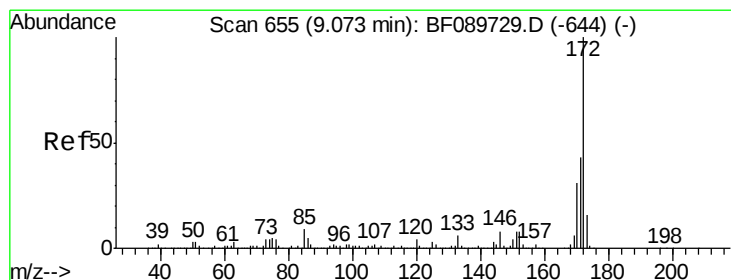
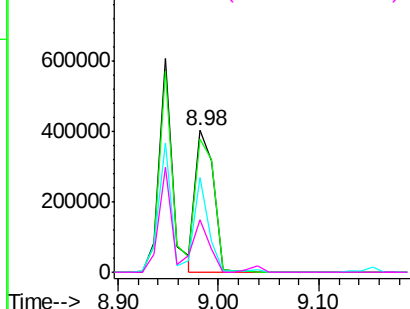
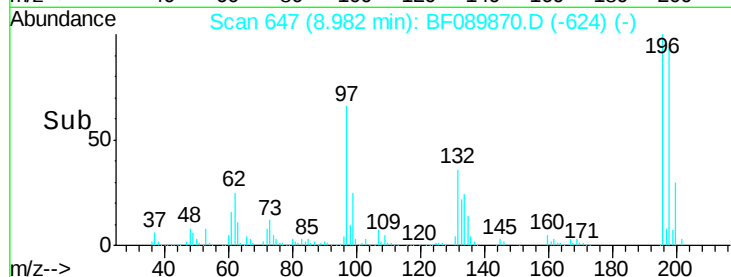
#43
 2,4,5-Trichlorophenol
 Concen: 35.41 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.03 min
 Lab File: BF089870.D
 Acq: 24 Aug 2016 13:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 504740
 Ion Ratio Lower Upper
 196 100
 198 93.6 76.6 114.8
 97 66.6 35.8 53.8#
 132 36.7 23.5 35.3#

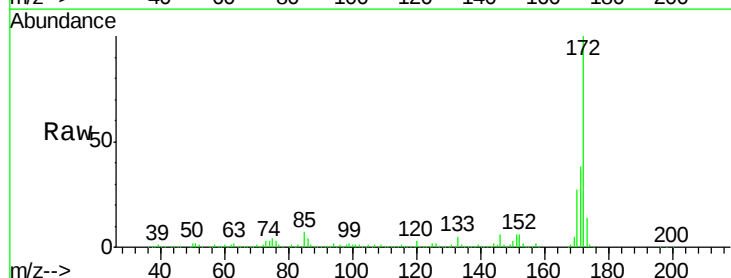


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

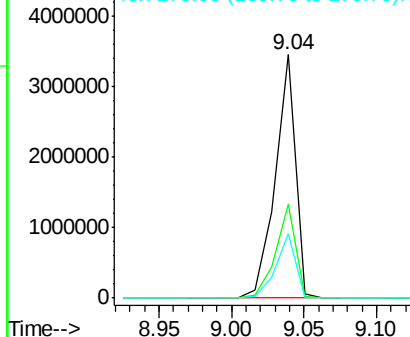
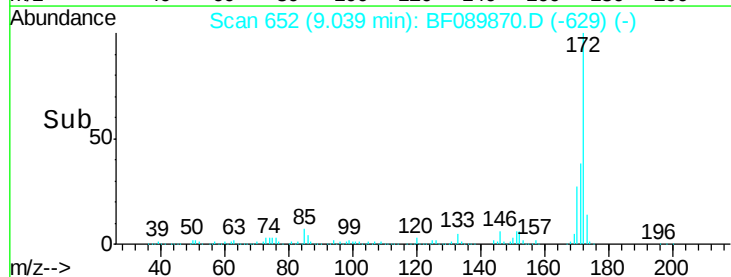


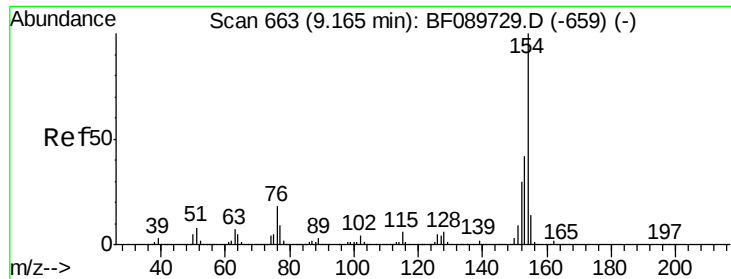
#44
 2-Fluorobiphenyl
 Concen: 74.29 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.03 min
 Lab File: BF089870.D
 Acq: 24 Aug 2016 13:23

Tgt Ion:172 Resp: 3333214
 Ion Ratio Lower Upper
 172 100
 171 38.4 30.5 45.7
 170 26.6 20.6 31.0



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

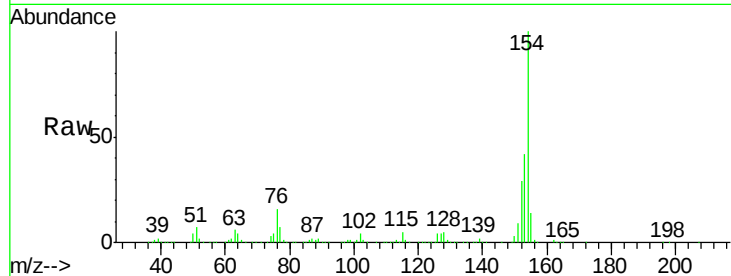




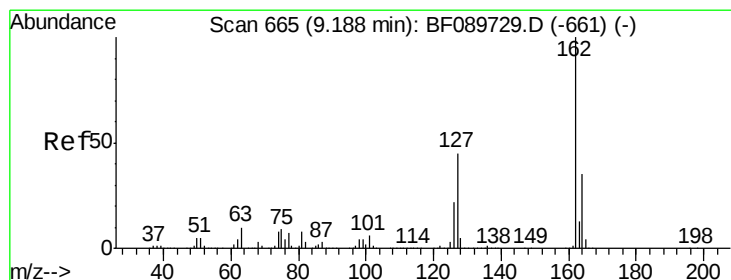
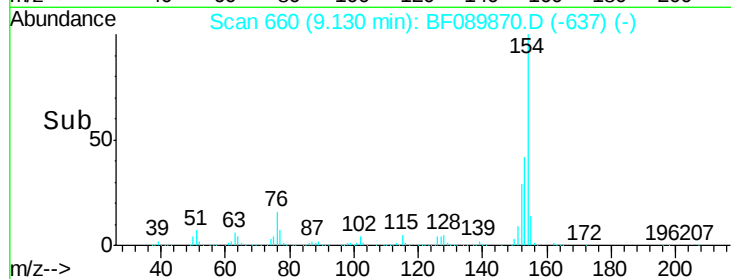
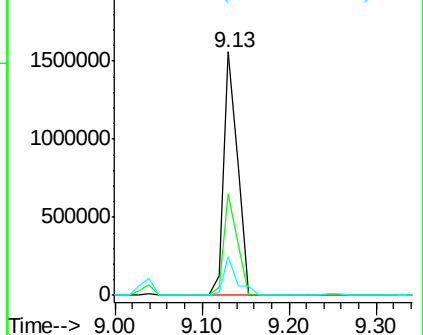
#45
 1,1'-Biphenyl
 Concen: 28.91 ng
 RT: 9.13 min Scan# 660
 Delta R.T. -0.03 min
 Lab File: BF089870.D
 Acq: 24 Aug 2016 13:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1723821
 Ion Ratio Lower Upper
 154 100
 153 41.6 21.5 61.5
 76 16.2 0.0 36.7

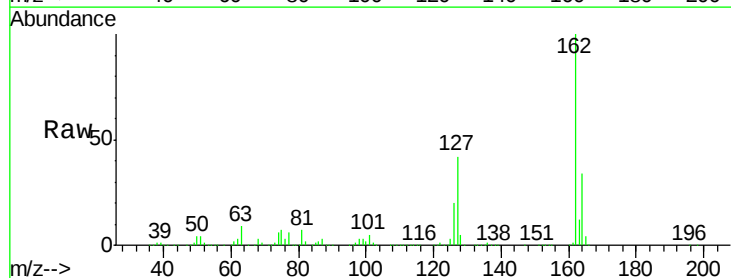


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

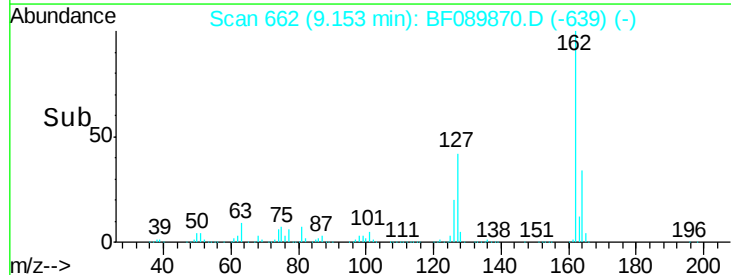
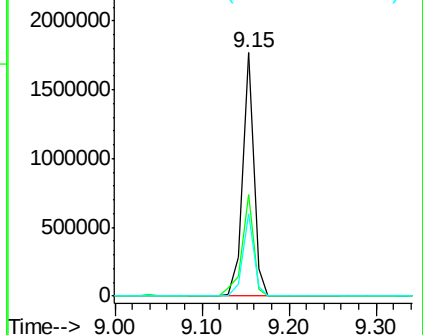


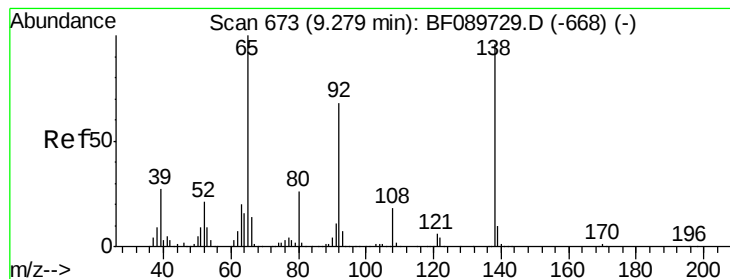
#46
 2-Chloronaphthalene
 Concen: 34.74 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.03 min
 Lab File: BF089870.D
 Acq: 24 Aug 2016 13:23

Tgt Ion:162 Resp: 1551951
 Ion Ratio Lower Upper
 162 100
 127 41.8 35.5 53.3
 164 34.0 26.6 40.0



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 33.05 ng

RT: 9.24 min Scan# 670

Delta R.T. -0.03 min

Lab File: BF089870.D

Acq: 24 Aug 2016 13:23

Instrument :

BNA_F

ClientSampleId :

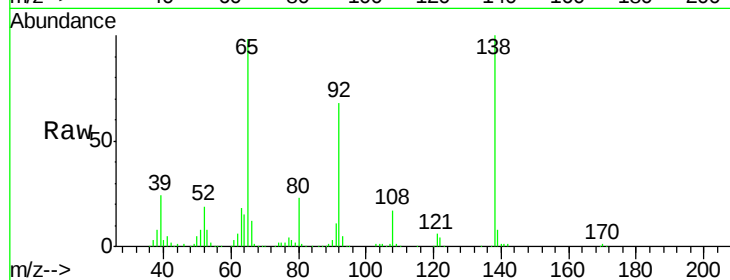
Tot Ion: 65 Resp: 449967

Ion Ratio Lower Upper

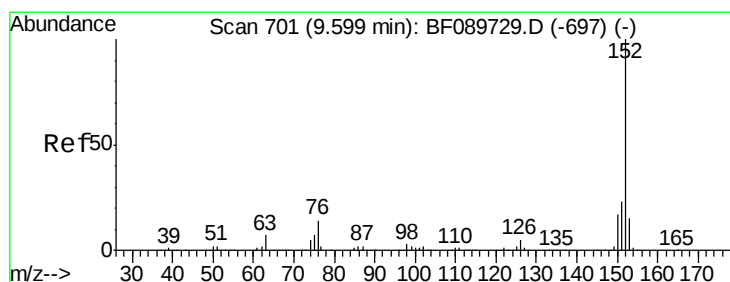
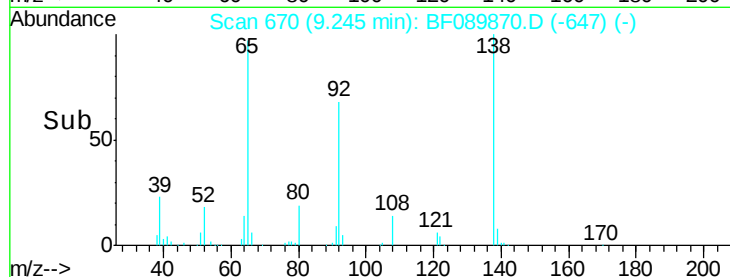
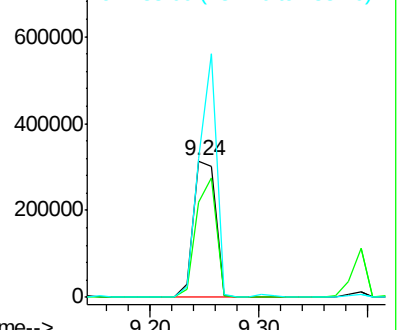
65 100

92 69.4 56.3 84.5

138 101.6 81.8 122.8



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 34.77 ng

RT: 9.56 min Scan# 698

Delta R.T. -0.03 min

Lab File: BF089870.D

Acq: 24 Aug 2016 13:23

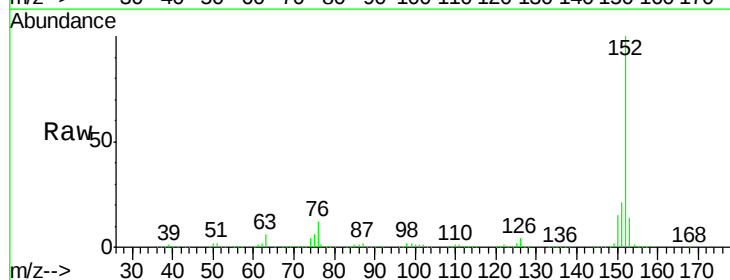
Tgt Ion: 152 Resp: 2391833

Ion Ratio Lower Upper

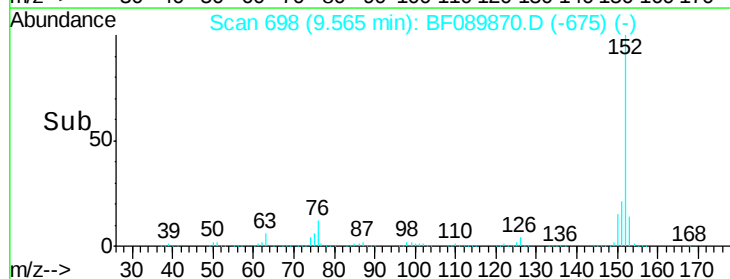
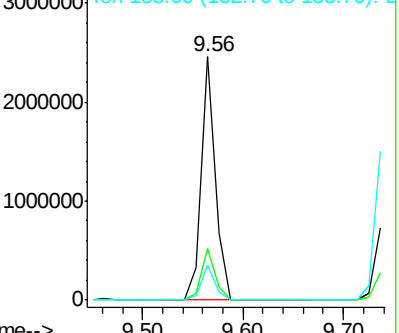
152 100

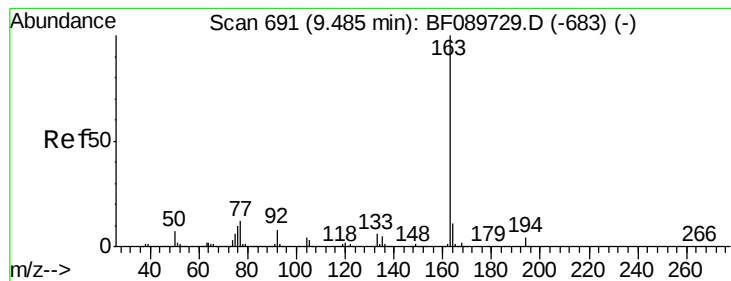
151 21.0 17.1 25.7

153 14.3 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 55.66 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.03 min

Lab File: BF089870.D

Acq: 24 Aug 2016 13:23

Instrument :

BNA_F

ClientSampleId :

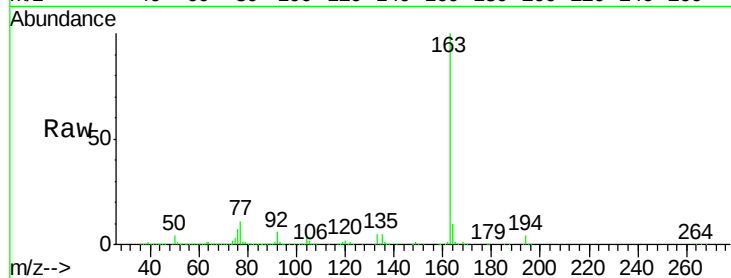
Tot Ion:163 Resp: 2899222

Ion Ratio Lower Upper

163 100

194 4.1 2.6 3.8#

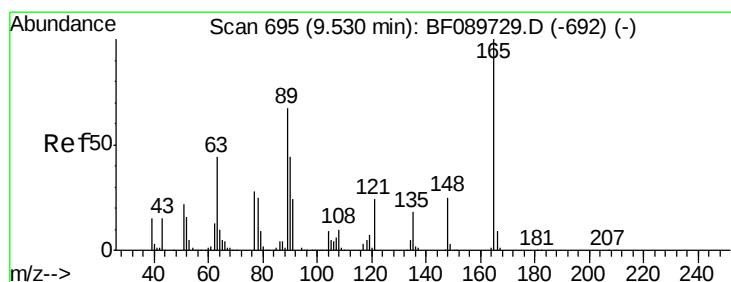
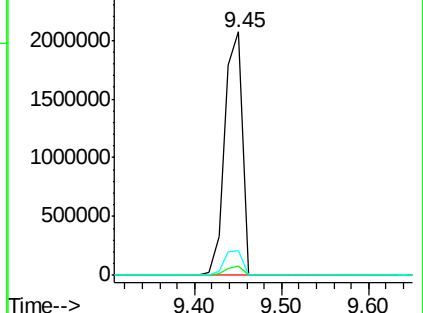
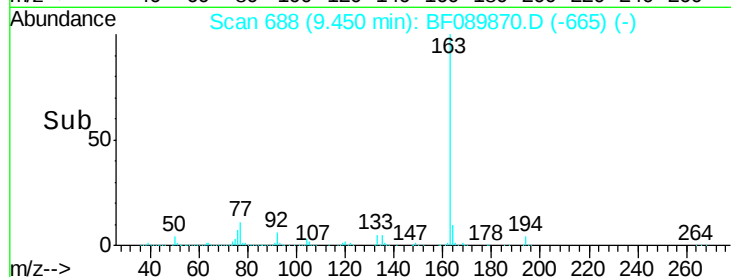
164 10.0 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 32.58 ng

RT: 9.50 min Scan# 692

Delta R.T. -0.03 min

Lab File: BF089870.D

Acq: 24 Aug 2016 13:23

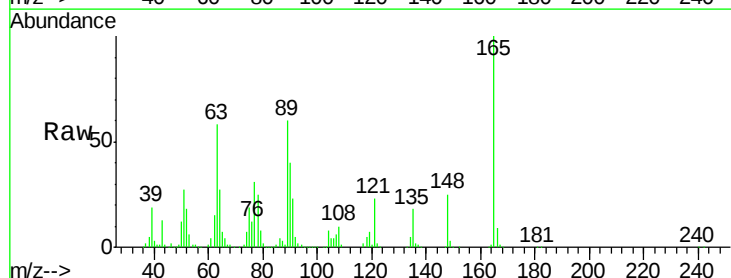
Tgt Ion:165 Resp: 384160

Ion Ratio Lower Upper

165 100

63 57.7 41.7 62.5

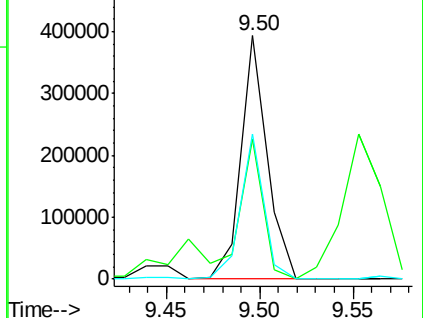
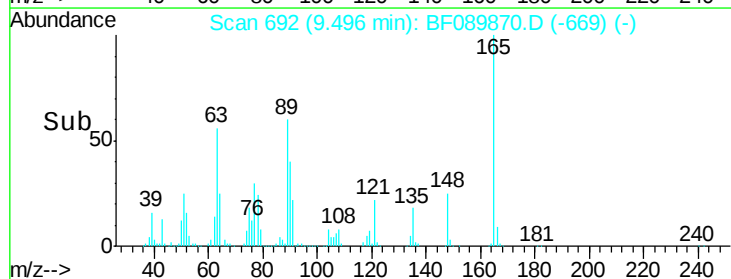
89 59.7 44.6 67.0

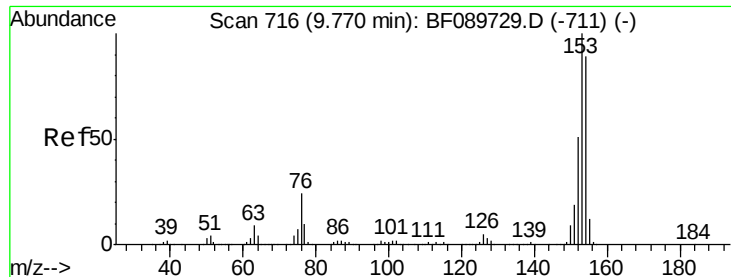


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 30.55 ng

RT: 9.74 min Scan# 713

Delta R.T. -0.03 min

Lab File: BF089870.D

Acq: 24 Aug 2016 13:23

Instrument :

BNA_F

ClientSampleId :

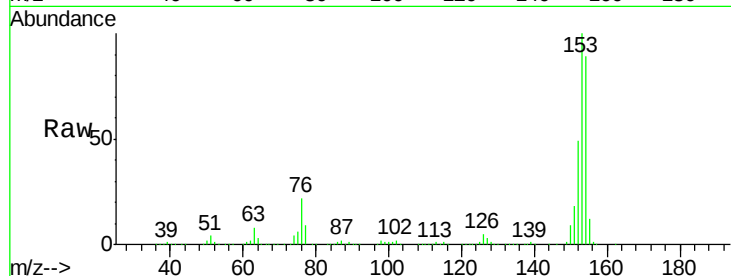
Tot Ion:154 Resp: 1417801

Ion Ratio Lower Upper

154 100

153 112.0 90.5 135.7

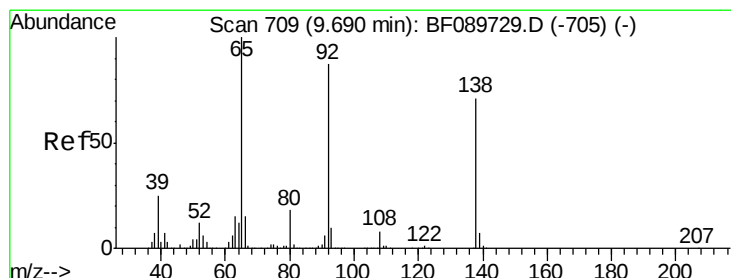
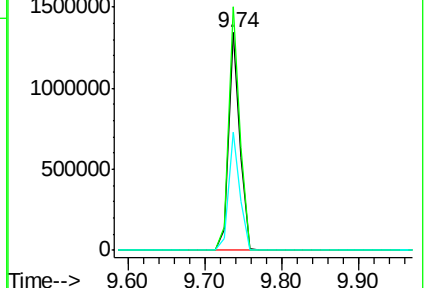
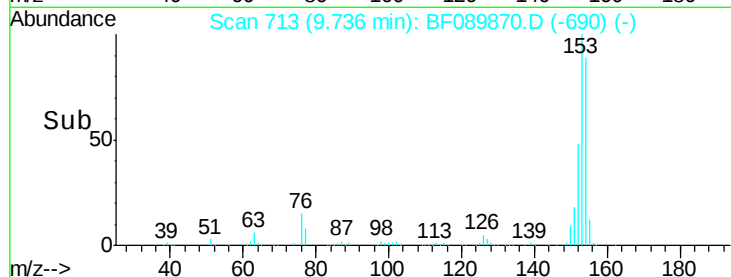
152 54.4 44.6 67.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 27.44 ng

RT: 9.66 min Scan# 706

Delta R.T. -0.03 min

Lab File: BF089870.D

Acq: 24 Aug 2016 13:23

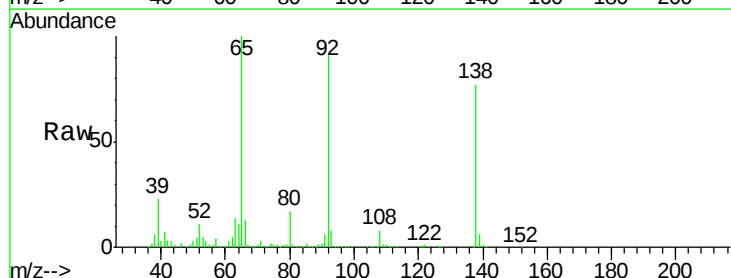
Tgt Ion:138 Resp: 376193

Ion Ratio Lower Upper

138 100

108 9.9 8.1 12.1

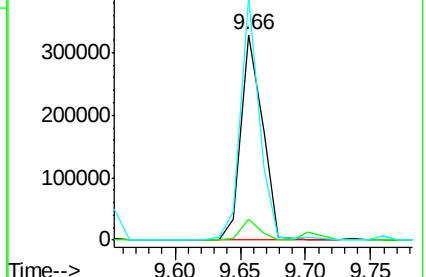
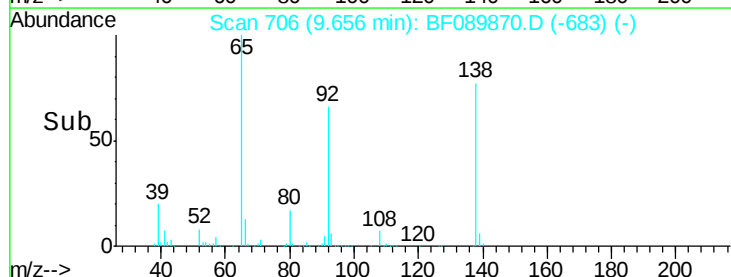
92 118.4 92.7 139.1

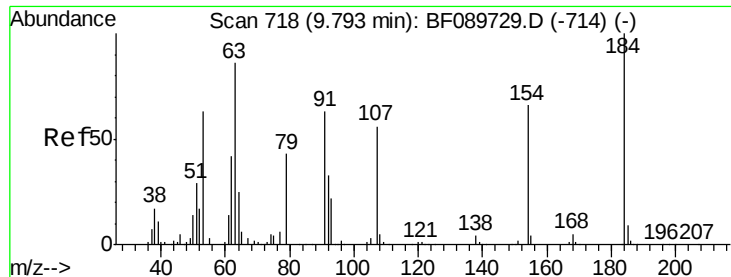


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

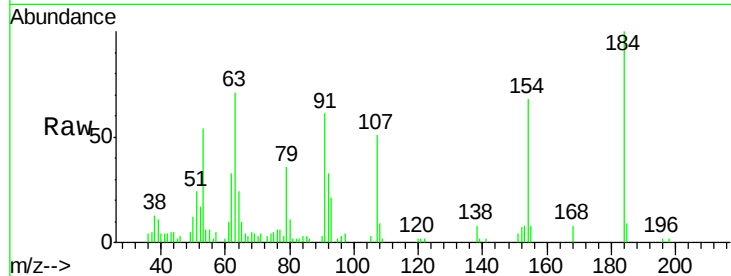




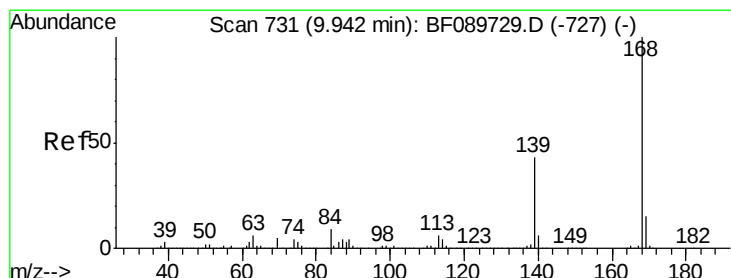
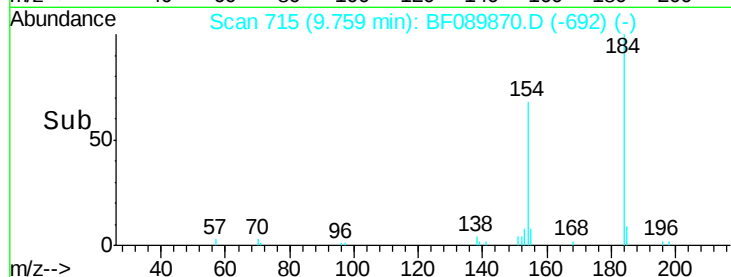
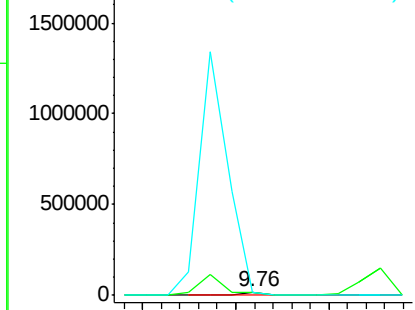
#53
2,4-Dinitrophenol
Concen: 5.10 ng
RT: 9.76 min Scan# 715
Delta R.T. -0.03 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 17832
Ion Ratio Lower Upper
184 100
63 71.2 54.2 81.4
154 68.3 52.7 79.1

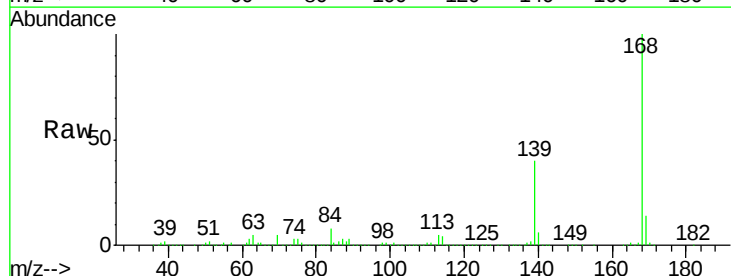


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

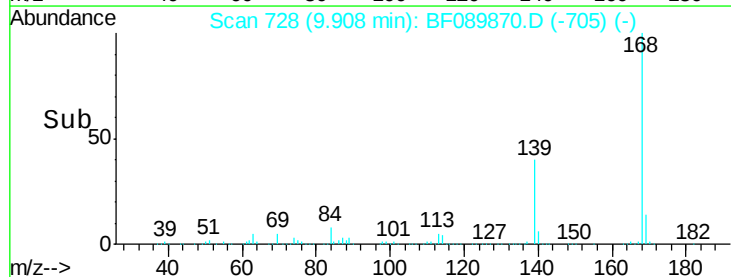
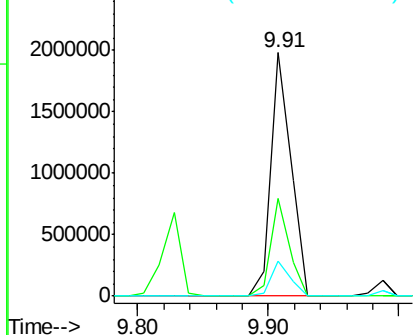


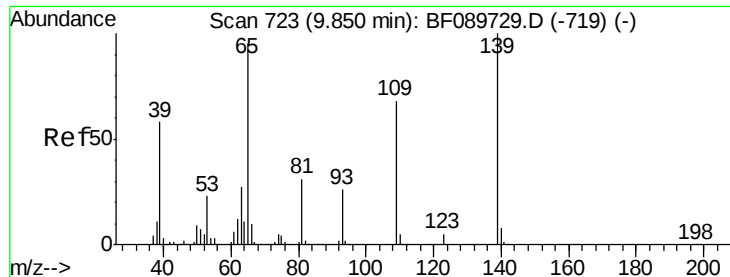
#54
Dibenzofuran
Concen: 37.65 ng
RT: 9.91 min Scan# 728
Delta R.T. -0.03 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:168 Resp: 2150674
Ion Ratio Lower Upper
168 100
139 40.1 34.6 52.0
169 14.4 11.5 17.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 64.91 ng

RT: 9.83 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF089870.D

Acq: 24 Aug 2016 13:23

Instrument :

BNA_F

ClientSampled :

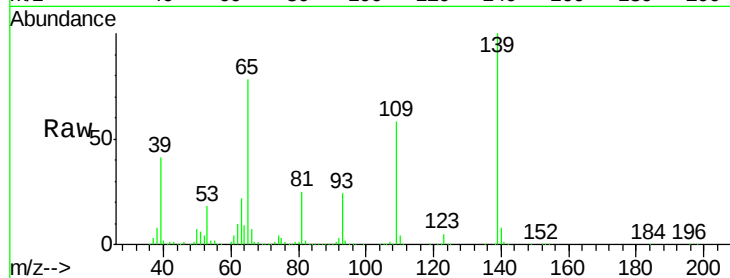
Tot Ion:139 Resp: 684527

Ion Ratio Lower Upper

139 100

109 58.4 43.0 83.0

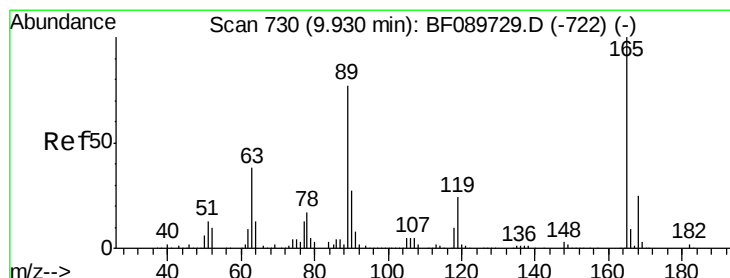
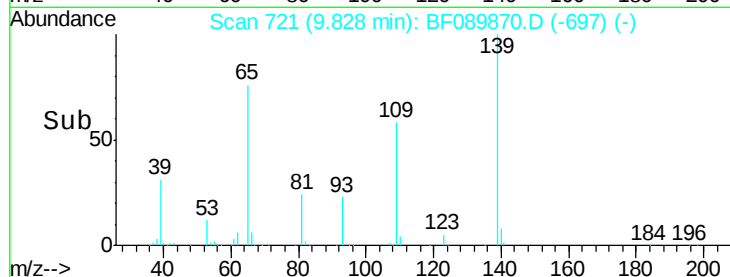
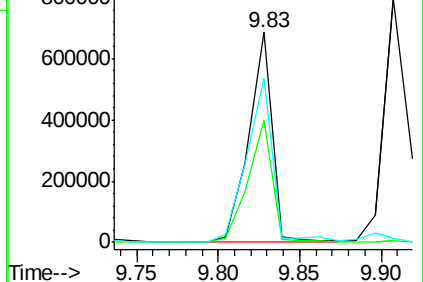
65 78.0 55.7 95.7



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 36.22 ng

RT: 9.90 min Scan# 727

Delta R.T. -0.03 min

Lab File: BF089870.D

Acq: 24 Aug 2016 13:23

Tgt Ion:165 Resp: 549007

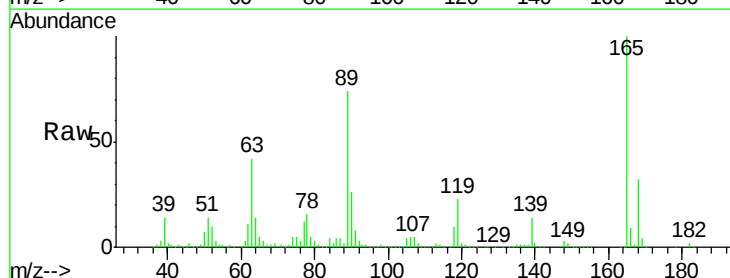
Ion Ratio Lower Upper

165 100

63 41.6 23.7 35.5#

89 74.1 44.0 66.0#

182 2.1 2.0 3.0

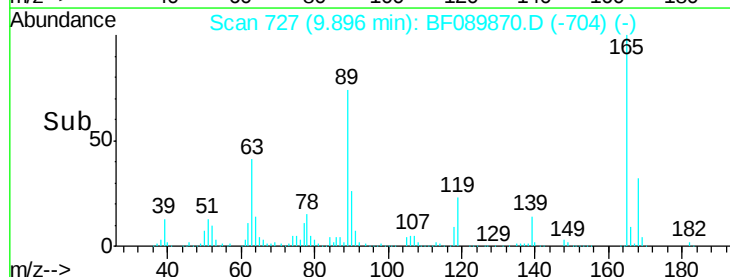
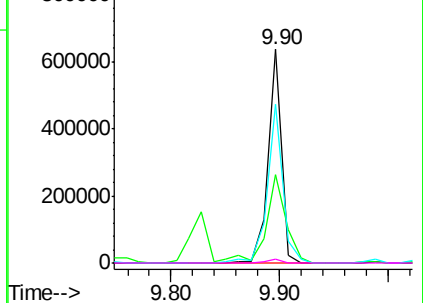


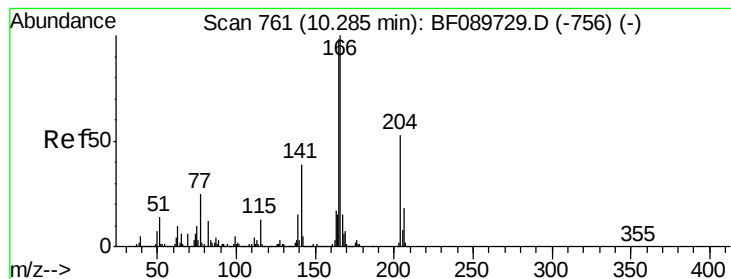
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 33.68 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.03 min

Lab File: BF089870.D

Acq: 24 Aug 2016 13:23

Instrument :

BNA_F

ClientSampleId :

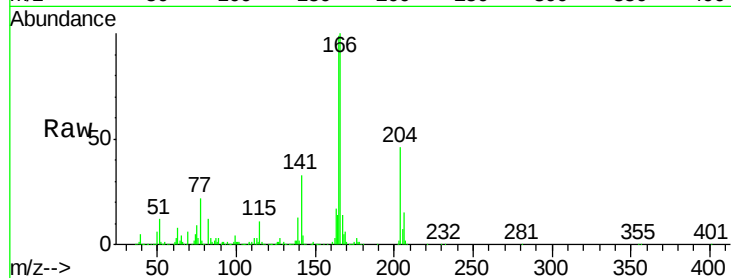
Tot Ion:166 Resp: 1554230

Ion Ratio Lower Upper

166 100

165 98.9 80.2 120.4

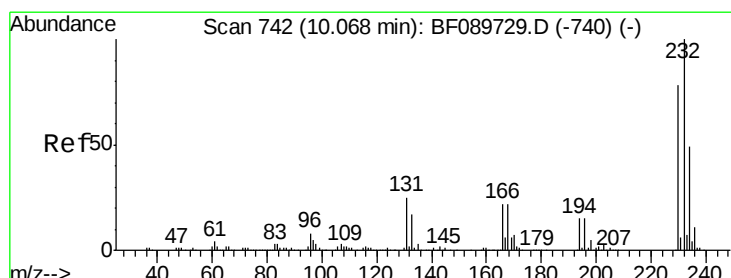
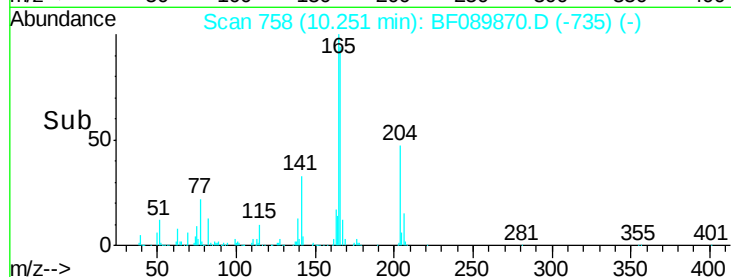
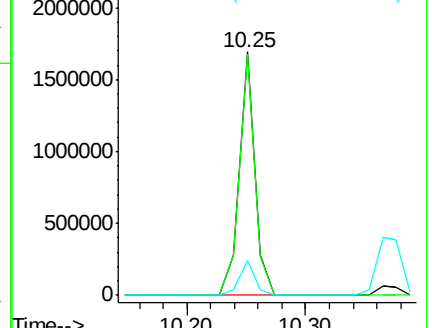
167 14.3 11.3 16.9



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.32 ng

RT: 9.99 min Scan# 735

Delta R.T. -0.08 min

Lab File: BF089870.D

Acq: 24 Aug 2016 13:23

Tgt Ion:232 Resp: 404357

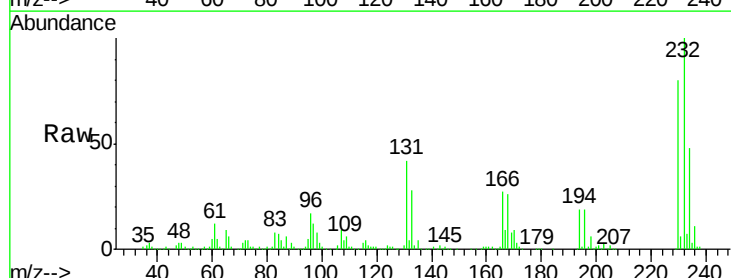
Ion Ratio Lower Upper

232 100

131 46.0 42.5 63.7

130 2.3 2.2 3.4

166 27.8 27.3 40.9

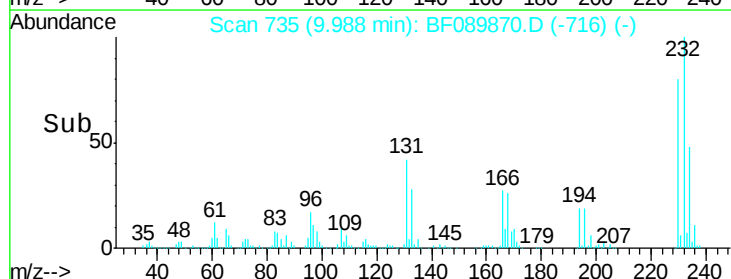
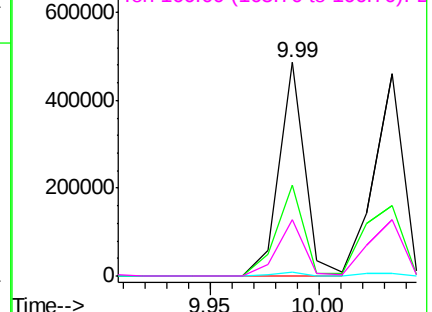


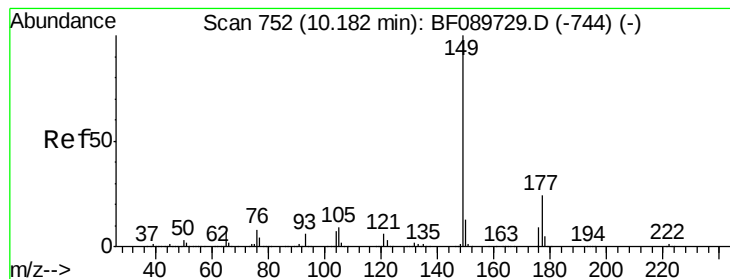
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 36.81 ng

RT: 10.15 min Scan# 749

Delta R.T. -0.03 min

Lab File: BF089870.D

Acq: 24 Aug 2016 13:23

Instrument :

BNA_F

ClientSampleId :

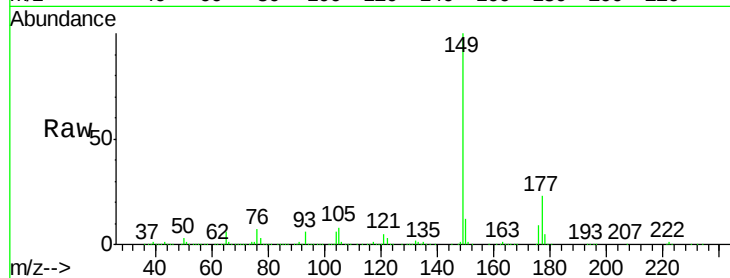
Tot Ion:149 Resp: 1944237

Ion Ratio Lower Upper

149 100

177 23.2 16.6 25.0

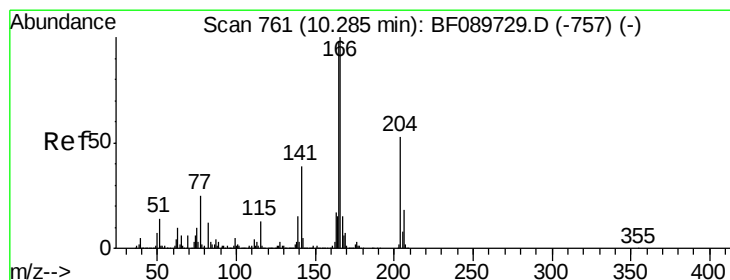
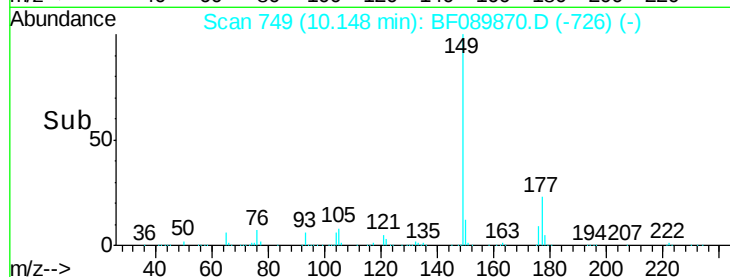
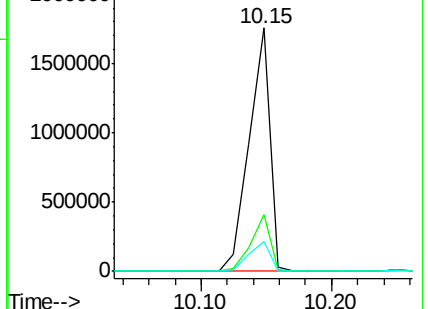
150 12.4 10.5 15.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 30.68 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.03 min

Lab File: BF089870.D

Acq: 24 Aug 2016 13:23

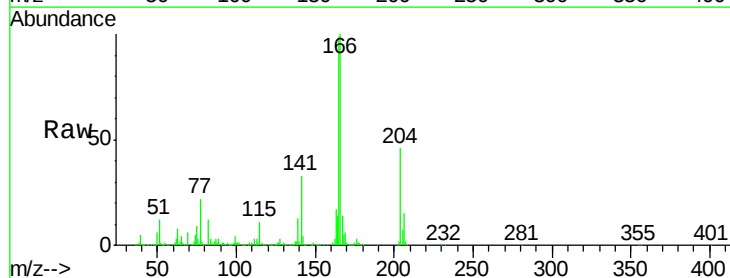
Tgt Ion:204 Resp: 694997

Ion Ratio Lower Upper

204 100

206 33.0 26.5 39.7

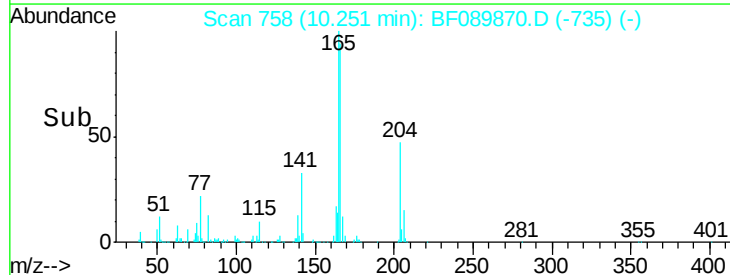
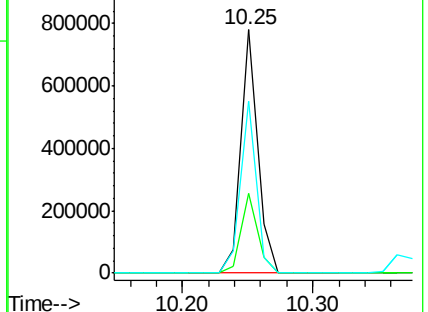
141 70.7 54.1 81.1

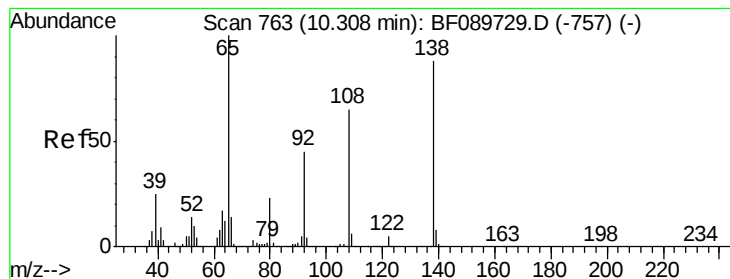


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 38.60 ng

RT: 10.27 min Scan# 760

Delta R.T. -0.03 min

Lab File: BF089870.D

Acq: 24 Aug 2016 13:23

Instrument :

BNA_F

ClientSampleId :

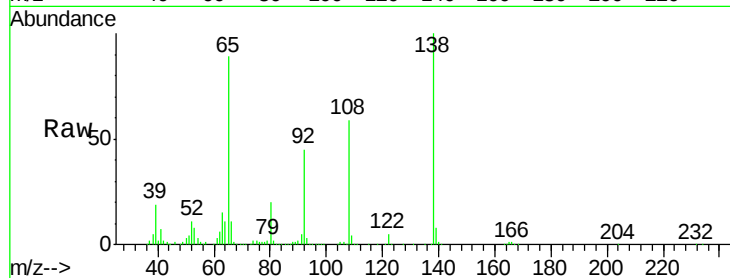
Tot Ion:138 Resp: 513818

Ion Ratio Lower Upper

138 100

92 44.7 26.4 66.4

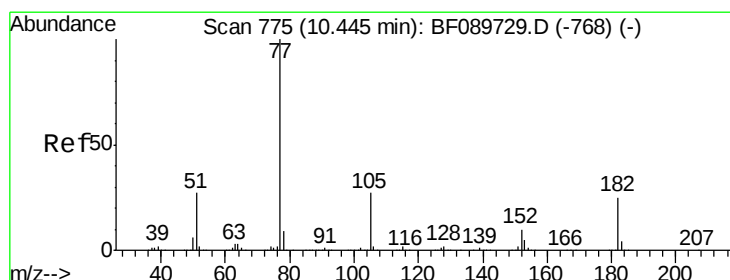
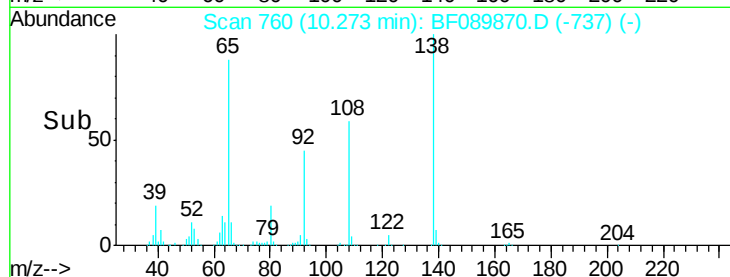
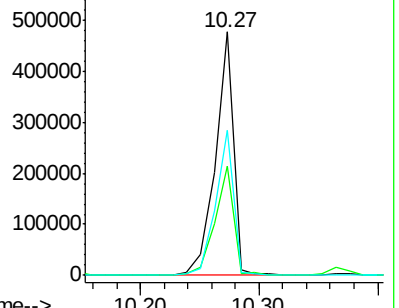
108 59.4 47.0 87.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 38.76 ng

RT: 10.41 min Scan# 772

Delta R.T. -0.03 min

Lab File: BF089870.D

Acq: 24 Aug 2016 13:23

Tgt Ion: 77 Resp: 1934357

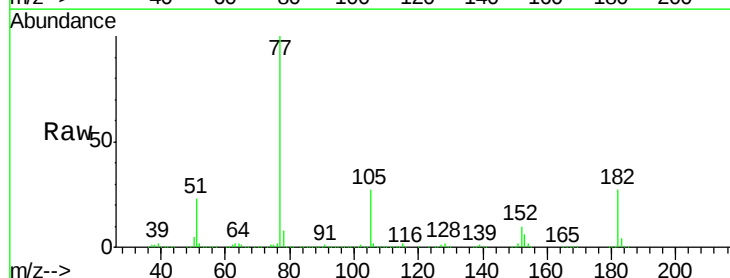
Ion Ratio Lower Upper

77 100

182 26.6 5.6 45.6

105 27.0 4.0 44.0

51 23.2 7.8 47.8

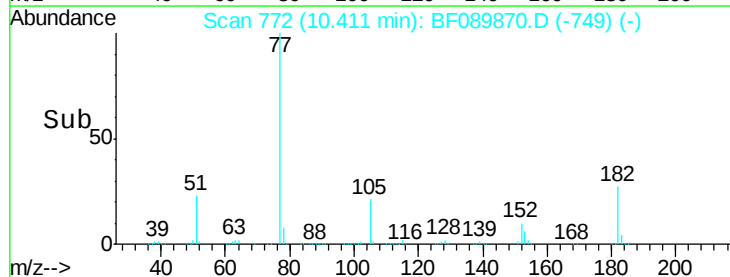
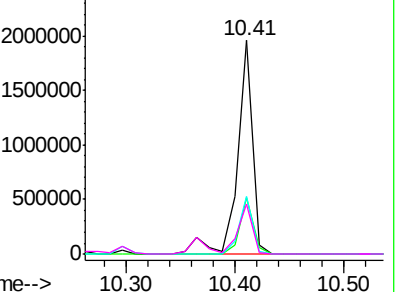


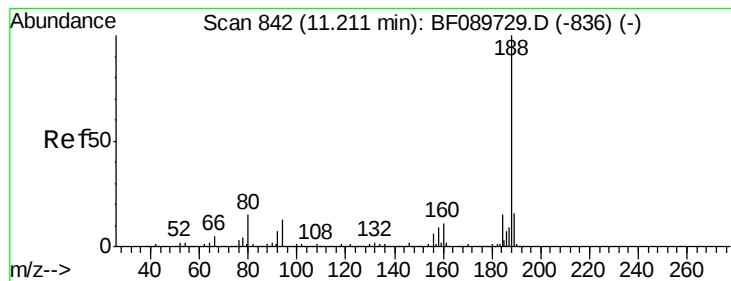
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.19 min Scan# 840

Delta R.T. -0.02 min

Lab File: BF089870.D

Acq: 24 Aug 2016 13:23

Instrument :

BNA_F

ClientSampled :

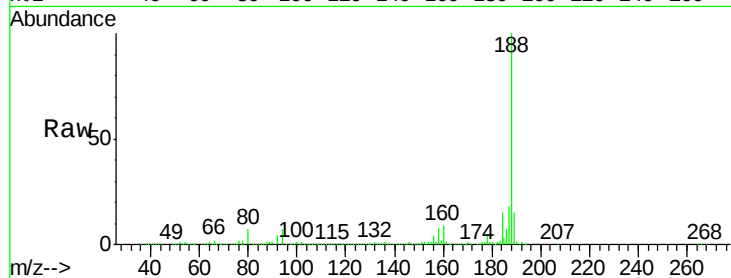
Tot Ion:188 Resp: 1386337

Ion Ratio Lower Upper

188 100

94 7.0 10.2 15.2#

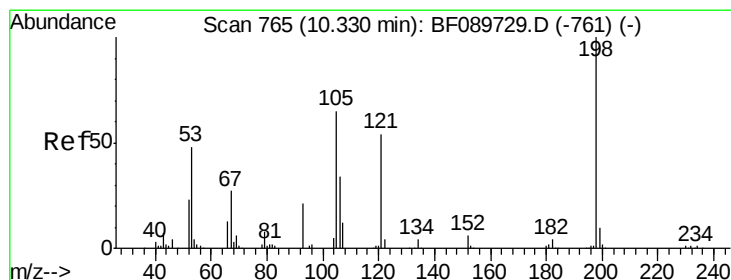
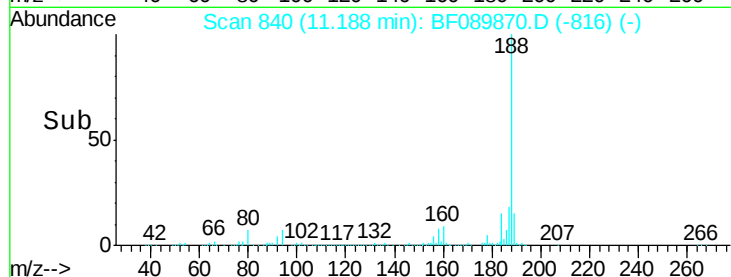
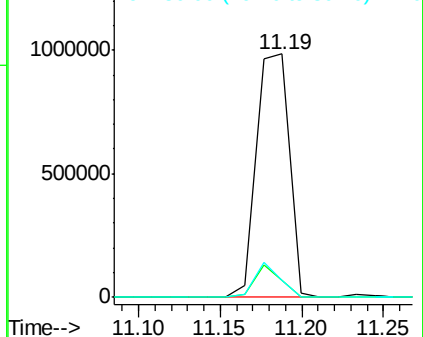
80 6.8 10.9 16.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 15.72 ng

RT: 10.30 min Scan# 762

Delta R.T. -0.03 min

Lab File: BF089870.D

Acq: 24 Aug 2016 13:23

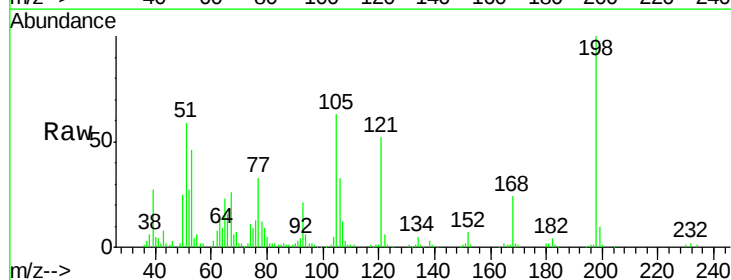
Tgt Ion:198 Resp: 126539

Ion Ratio Lower Upper

198 100

51 58.9 32.3 72.3

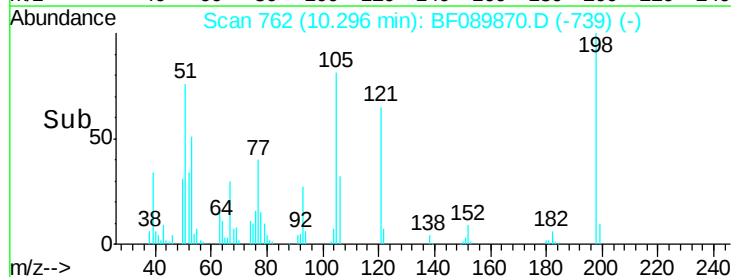
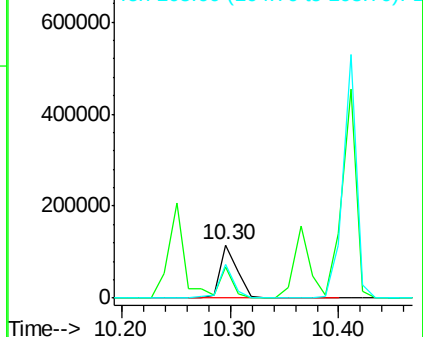
105 62.8 32.9 72.9

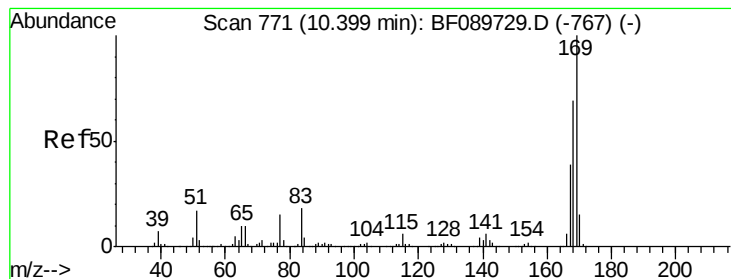


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 35.33 ng

RT: 10.36 min Scan# 768

Delta R.T. -0.03 min

Lab File: BF089870.D

Acq: 24 Aug 2016 13:23

Instrument :

BNA_F

ClientSampled :

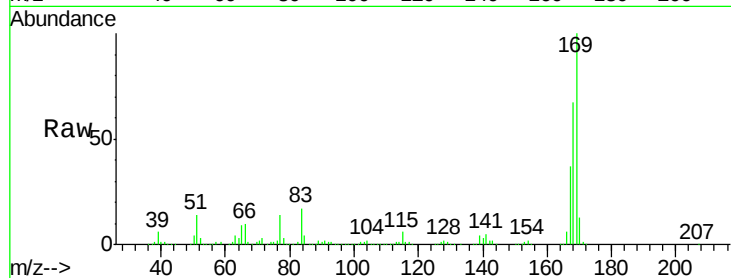
Tot Ion:169 Resp: 1537055

Ion Ratio Lower Upper

169 100

168 67.3 54.6 82.0

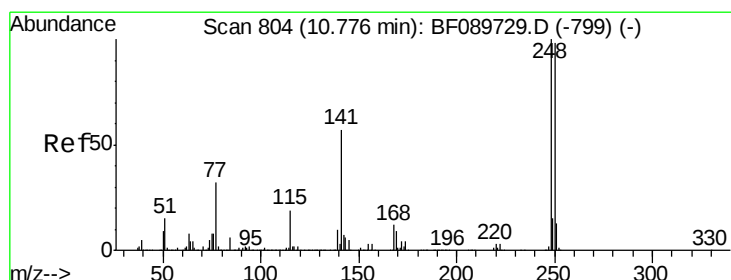
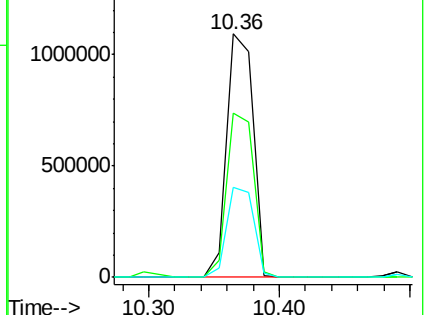
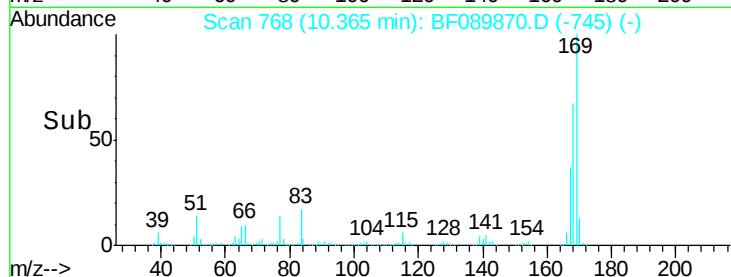
167 37.1 30.6 45.8



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 35.89 ng

RT: 10.74 min Scan# 801

Delta R.T. -0.03 min

Lab File: BF089870.D

Acq: 24 Aug 2016 13:23

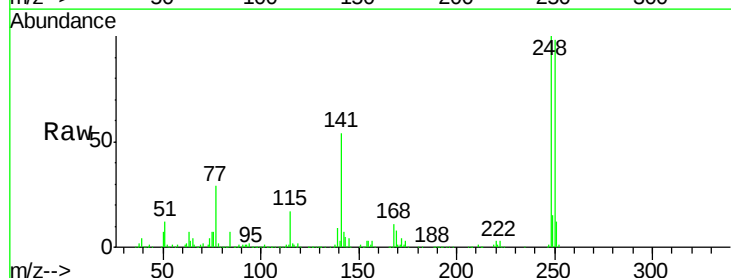
Tgt Ion:248 Resp: 515236

Ion Ratio Lower Upper

248 100

250 98.3 78.6 117.8

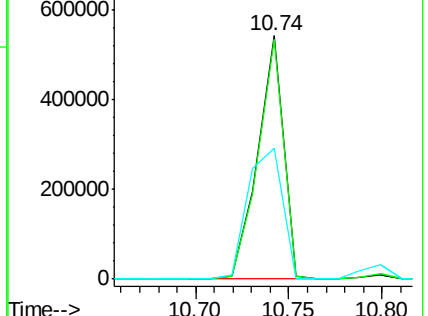
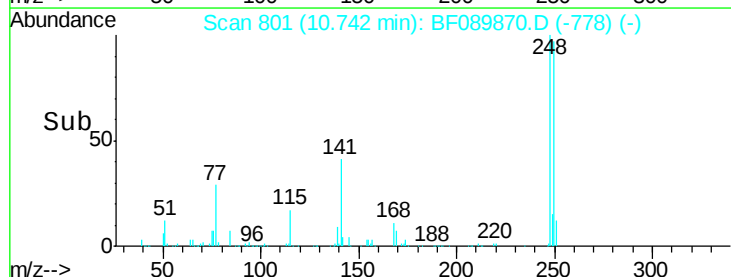
141 53.9 31.4 47.2#

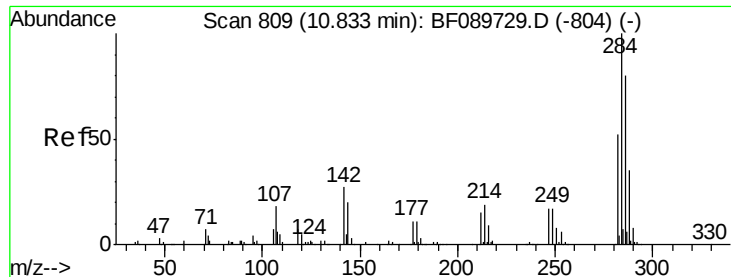


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

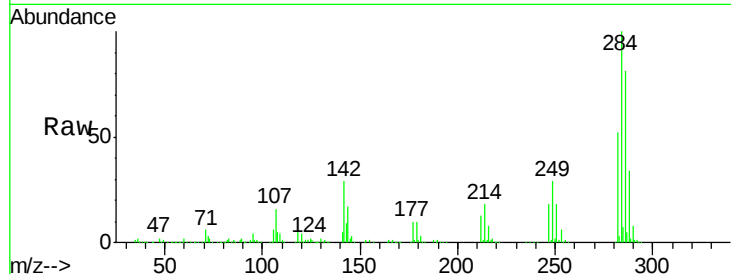




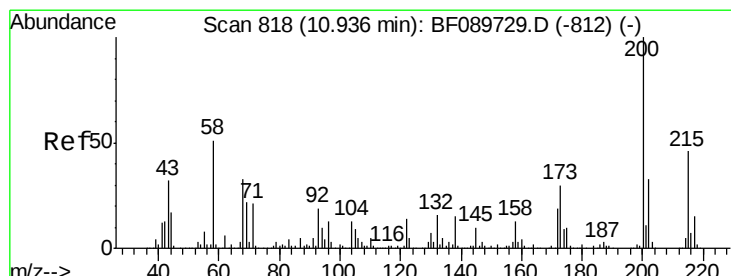
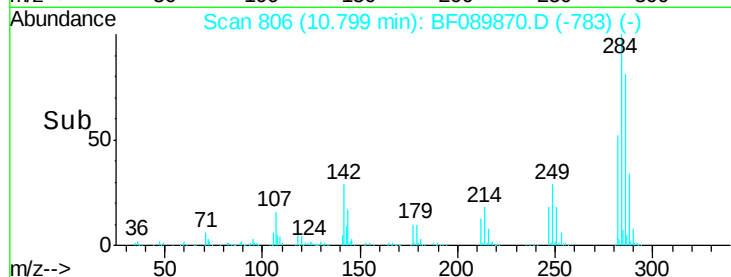
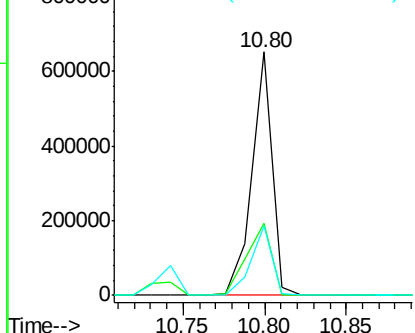
#67
Hexachlorobenzene
Concen: 35.14 ng
RT: 10.80 min Scan# 806
Delta R.T. -0.03 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 560797
Ion Ratio Lower Upper
284 100
142 29.4 17.4 26.2#
249 28.8 22.8 34.2

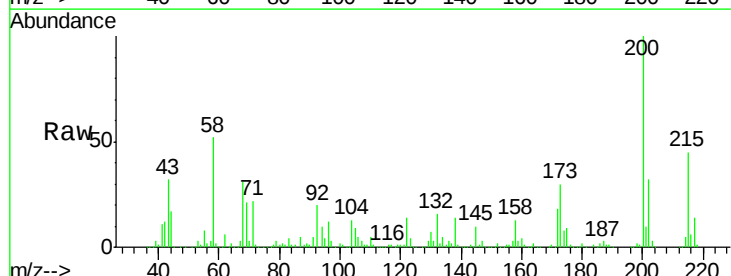


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

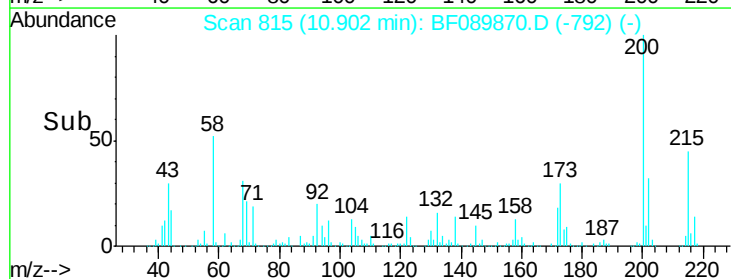
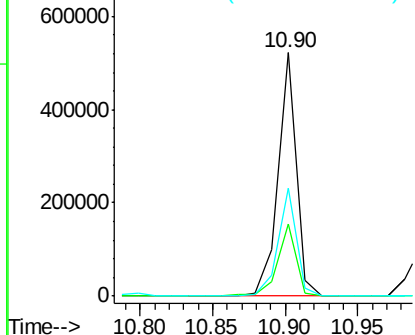


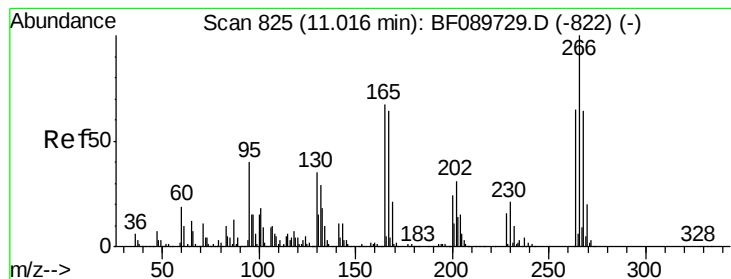
#68
Atrazine
Concen: 34.47 ng
RT: 10.90 min Scan# 815
Delta R.T. -0.03 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:200 Resp: 454250
Ion Ratio Lower Upper
200 100
173 29.6 6.6 46.6
215 44.6 24.7 64.7



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 52.40 ng

RT: 10.99 min Scan# 823

Delta R.T. -0.02 min

Lab File: BF089870.D

Acq: 24 Aug 2016 13:23

Instrument :
BNA_F
ClientSampleId :

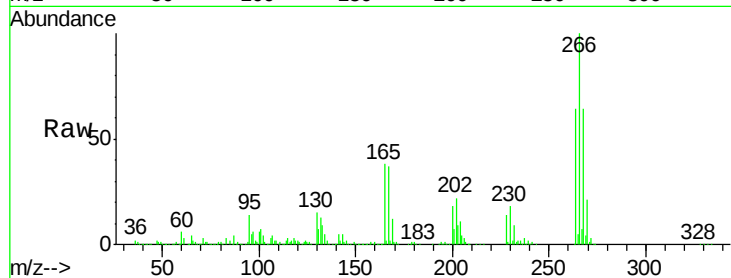
Tot Ion:266 Resp: 521044

Ion Ratio Lower Upper

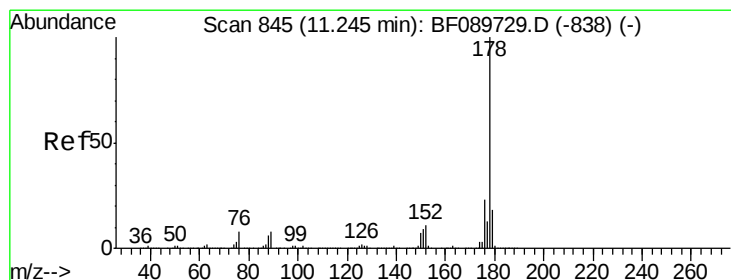
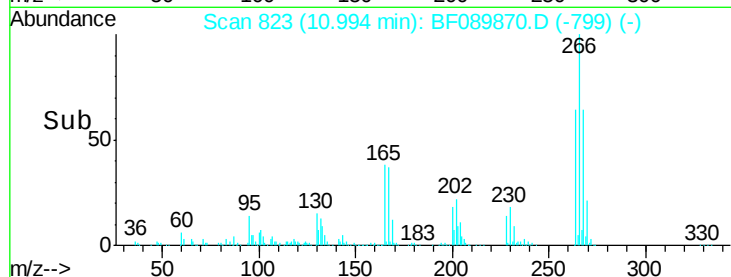
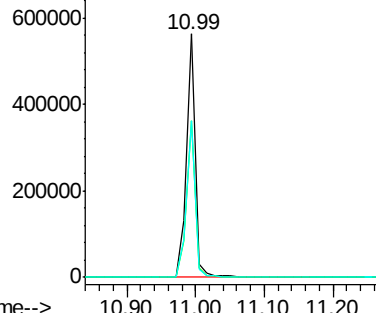
266 100

268 64.3 53.2 79.8

264 64.2 51.1 76.7



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 41.04 ng

RT: 11.21 min Scan# 842

Delta R.T. -0.03 min

Lab File: BF089870.D

Acq: 24 Aug 2016 13:23

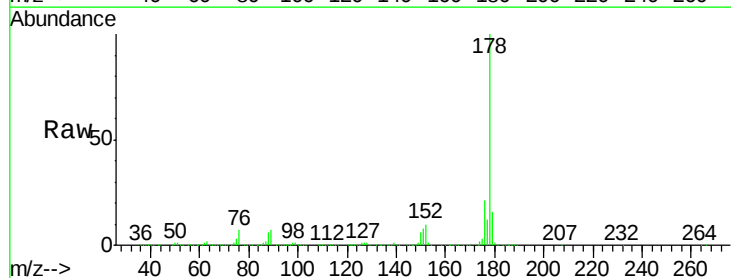
Tgt Ion:178 Resp: 2796793

Ion Ratio Lower Upper

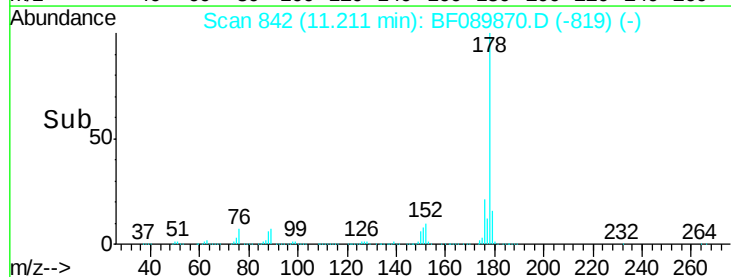
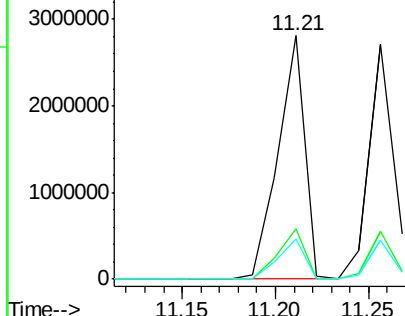
178 100

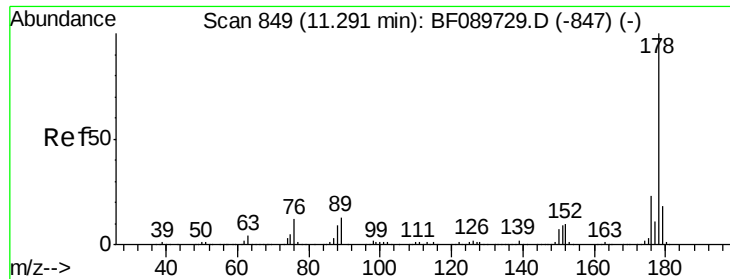
176 20.9 16.4 24.6

179 16.3 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

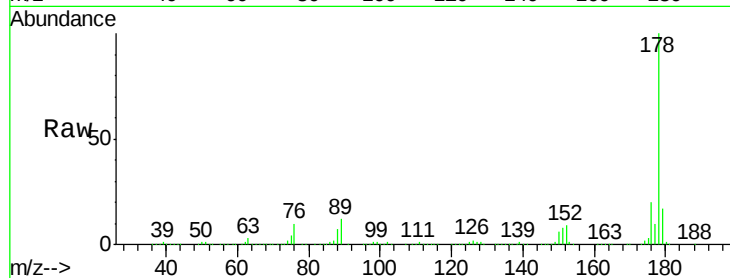




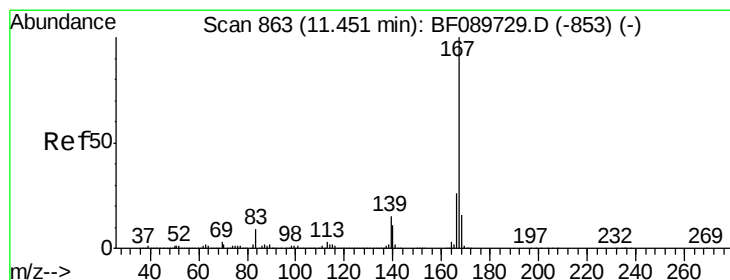
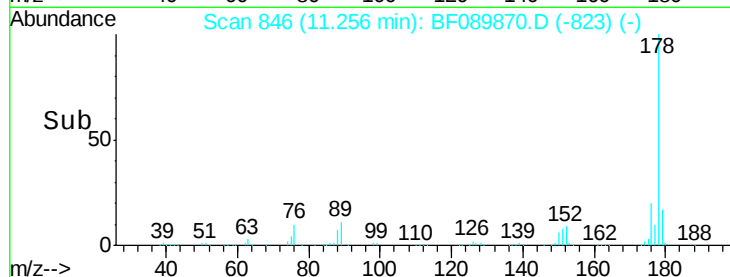
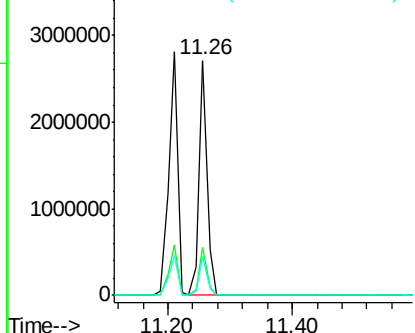
#71
 Anthracene
 Concen: 34.69 ng
 RT: 11.26 min Scan# 846
 Delta R.T. -0.03 min
 Lab File: BF089870.D
 Acq: 24 Aug 2016 13:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 2469533
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.4 24.6
 179 16.8 13.1 19.7

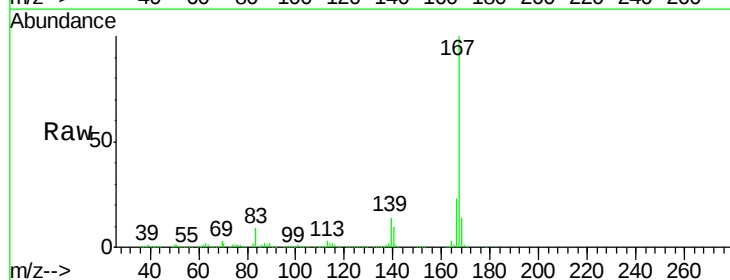


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

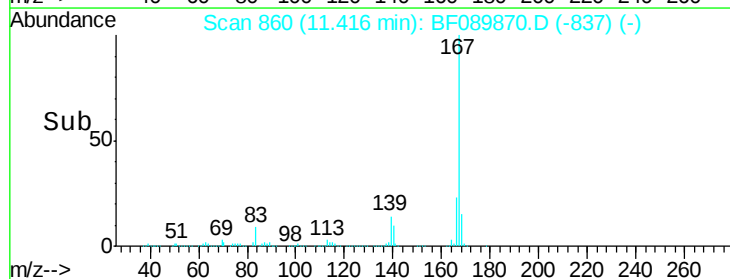
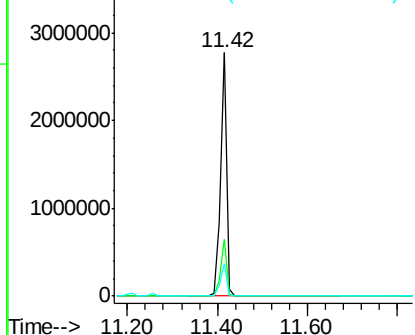


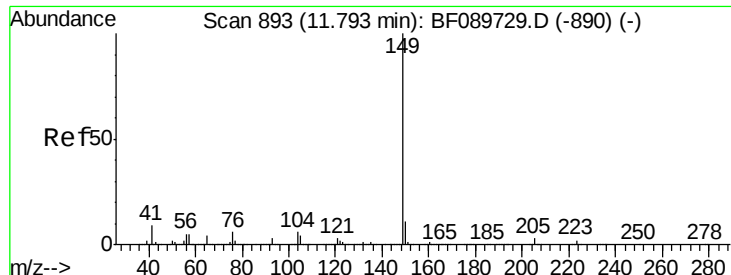
#72
 Carbazole
 Concen: 38.21 ng
 RT: 11.42 min Scan# 860
 Delta R.T. -0.03 min
 Lab File: BF089870.D
 Acq: 24 Aug 2016 13:23

Tgt Ion:167 Resp: 2577696
 Ion Ratio Lower Upper
 167 100
 166 23.4 17.9 26.9
 139 13.5 12.4 18.6



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 36.29 ng

RT: 11.77 min Scan# 891

Delta R.T. -0.02 min

Lab File: BF089870.D

Acq: 24 Aug 2016 13:23

Instrument :

BNA_F

ClientSampleId :

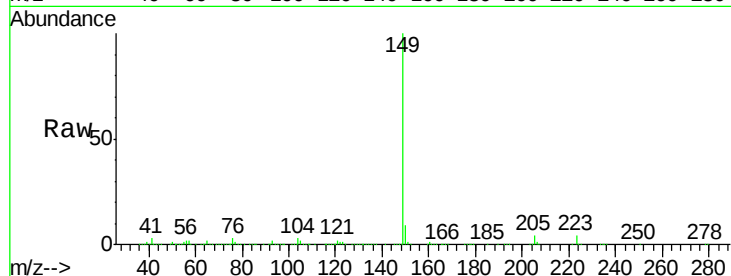
Tot Ion:149 Resp: 2977314

Ion Ratio Lower Upper

149 100

150 9.5 7.9 11.9

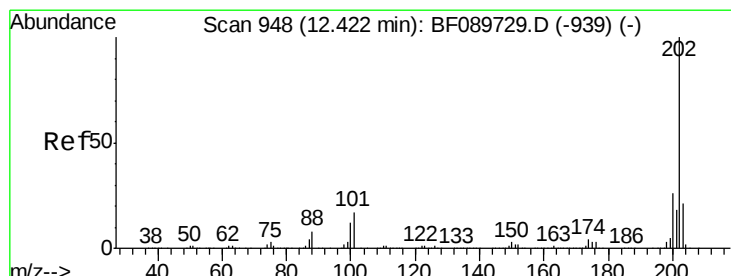
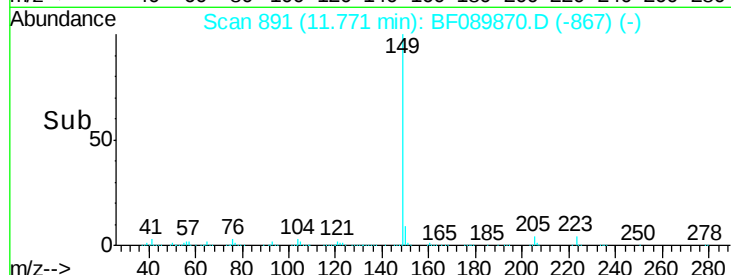
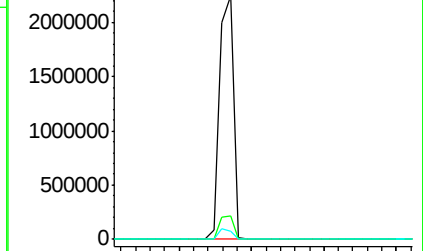
104 3.4 4.3 6.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.72 ng

RT: 12.39 min Scan# 945

Delta R.T. -0.03 min

Lab File: BF089870.D

Acq: 24 Aug 2016 13:23

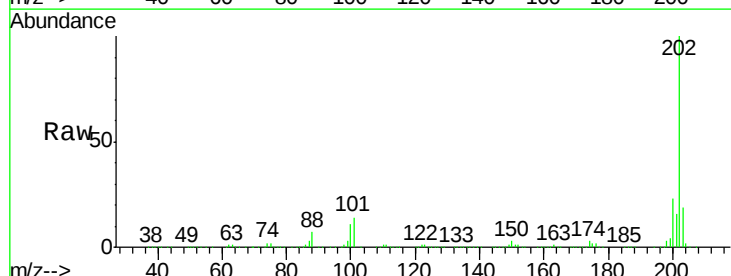
Tgt Ion:202 Resp: 2582656

Ion Ratio Lower Upper

202 100

101 14.3 0.0 31.2

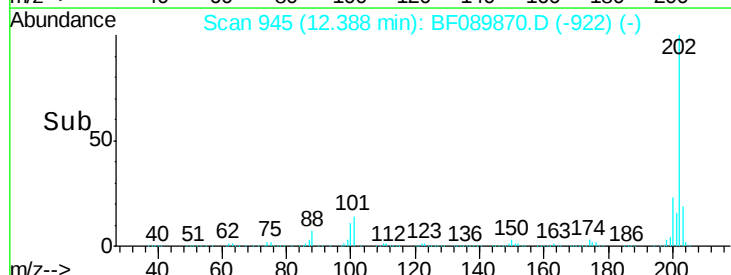
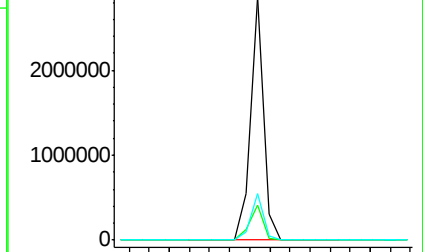
203 19.0 0.0 38.1

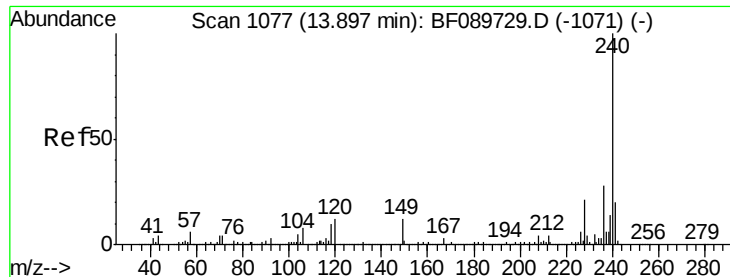


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.86 min Scan# 1074

Delta R.T. -0.03 min

Lab File: BF089870.D

Acq: 24 Aug 2016 13:23

Instrument :

BNA_F

ClientSampleId :

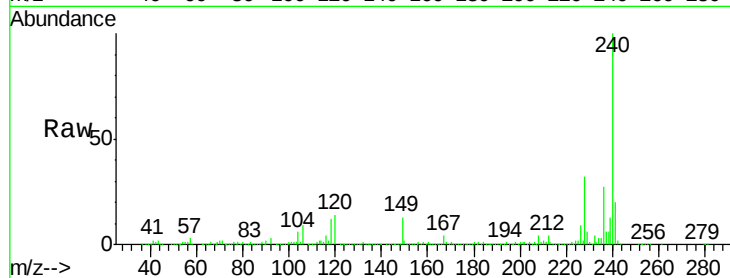
Tot Ion:240 Resp: 1161495

Ion Ratio Lower Upper

240 100

120 14.1 8.3 12.5#

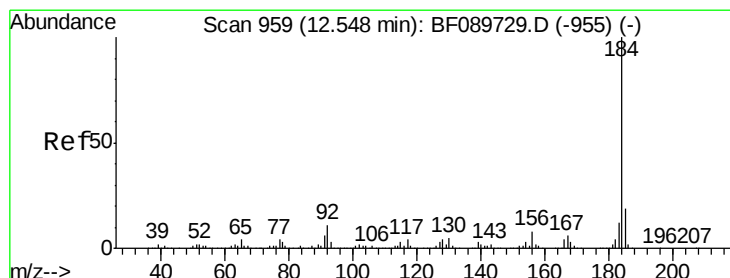
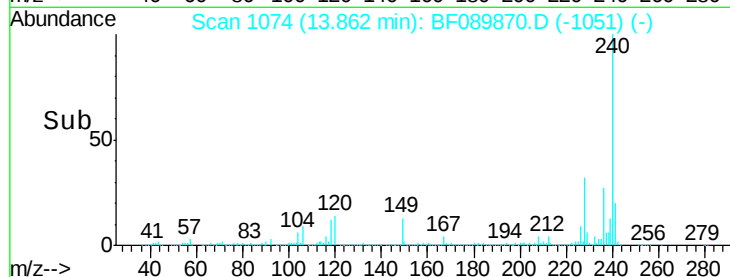
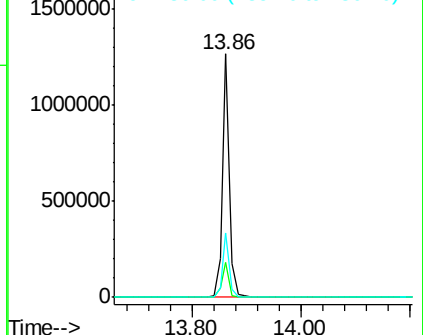
236 26.6 21.3 31.9



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 24.86 ng

RT: 12.51 min Scan# 956

Delta R.T. -0.03 min

Lab File: BF089870.D

Acq: 24 Aug 2016 13:23

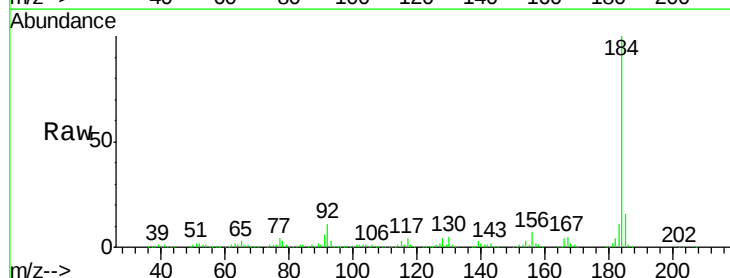
Tgt Ion:184 Resp: 1036215

Ion Ratio Lower Upper

184 100

185 16.5 13.8 20.8

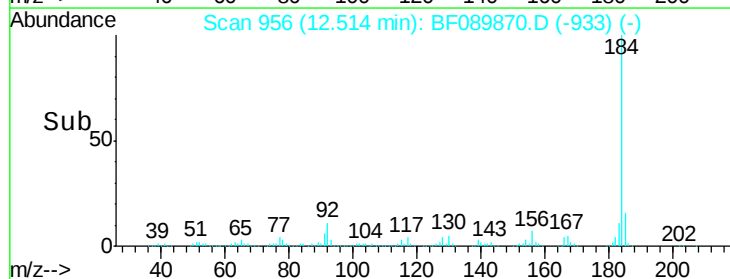
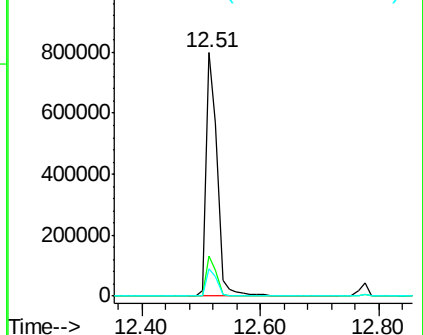
183 11.3 9.7 14.5

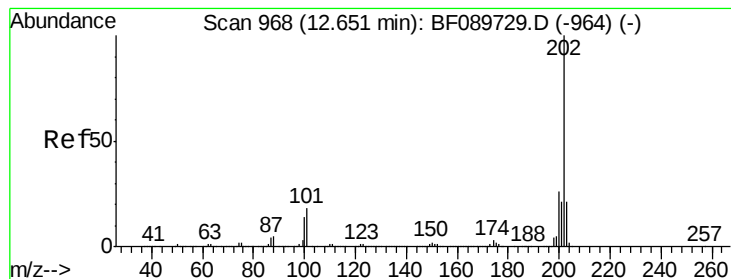


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 35.31 ng

RT: 12.62 min Scan# 965

Delta R.T. -0.03 min

Lab File: BF089870.D

Acq: 24 Aug 2016 13:23

Instrument :

BNA_F

ClientSampleId :

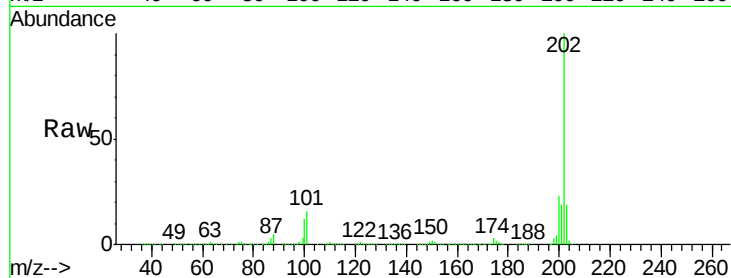
Tot Ion:202 Resp: 2683973

Ion Ratio Lower Upper

202 100

200 23.0 17.8 26.6

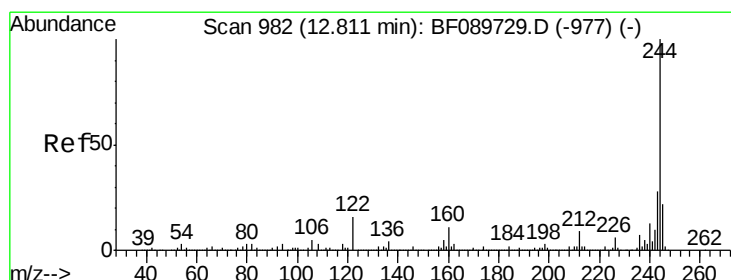
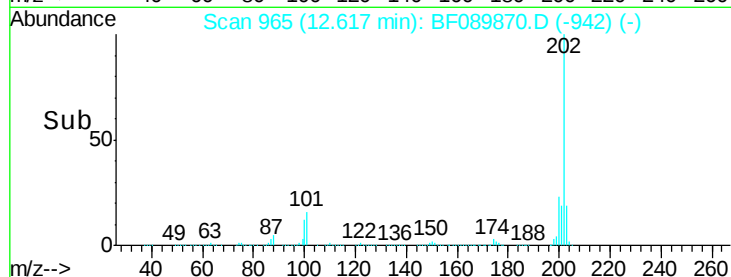
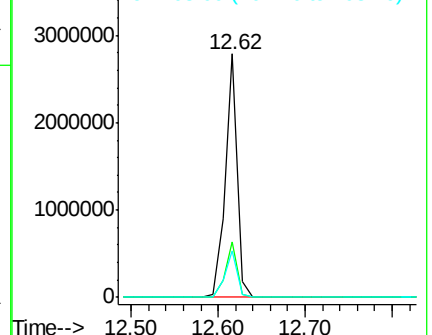
203 19.1 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 71.43 ng

RT: 12.78 min Scan# 979

Delta R.T. -0.03 min

Lab File: BF089870.D

Acq: 24 Aug 2016 13:23

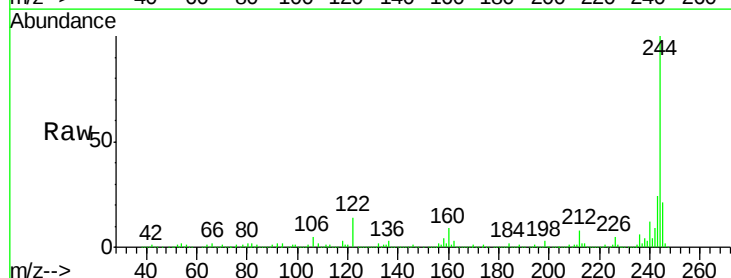
Tgt Ion:244 Resp: 2777312

Ion Ratio Lower Upper

244 100

212 8.1 6.3 9.5

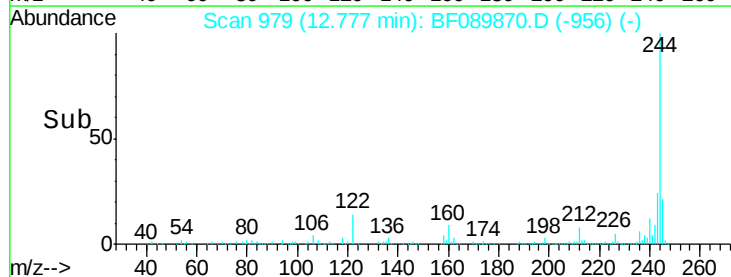
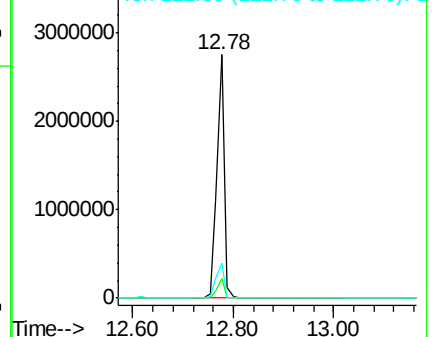
122 14.2 12.0 18.0

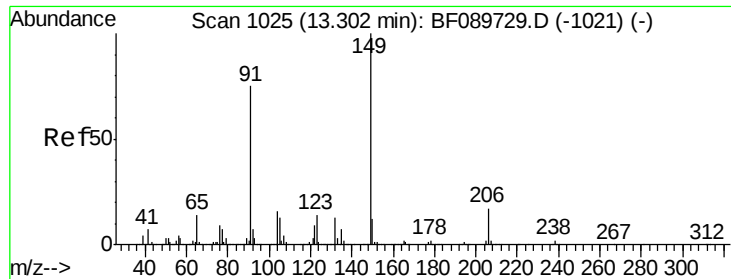


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

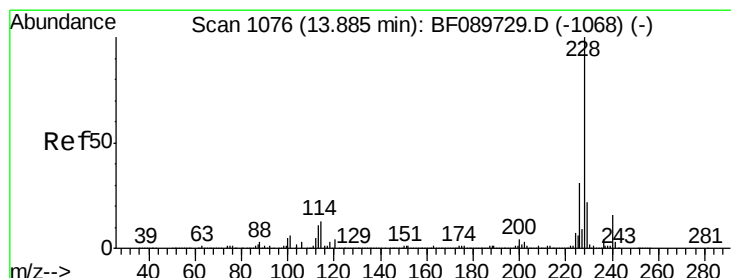
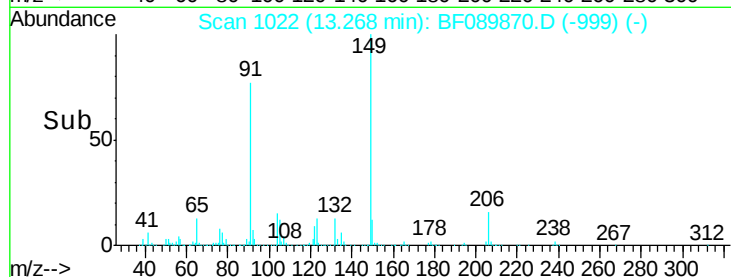
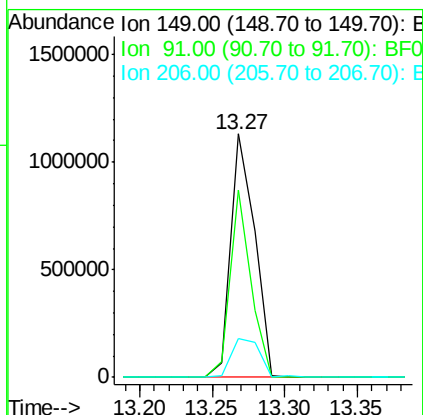
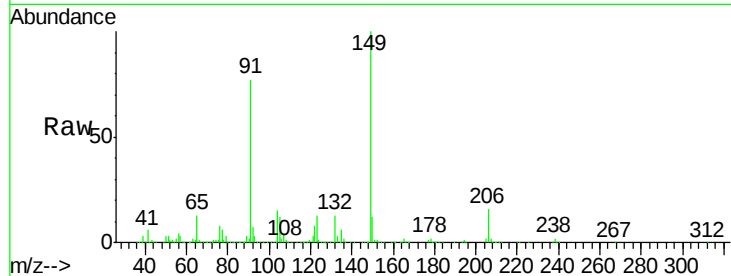




#79
Butylbenzylphthalate
Concen: 34.08 ng
RT: 13.27 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

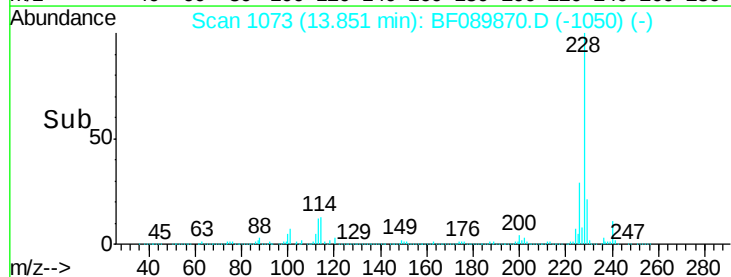
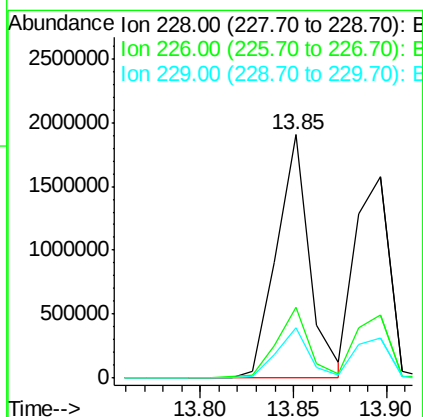
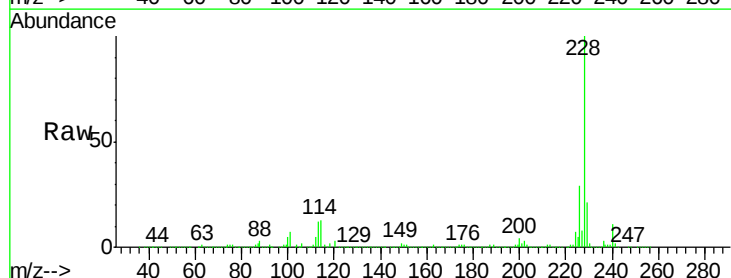
Instrument :
BNA_F
ClientSampleId :

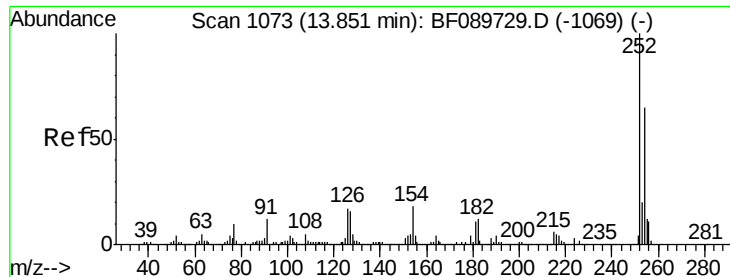
Tot Ion:149 Resp: 1299462
Ion Ratio Lower Upper
149 100
91 76.7 50.7 76.1#
206 15.9 15.5 23.3



#80
Benzo(a)anthracene
Concen: 34.59 ng
RT: 13.85 min Scan# 1073
Delta R.T. -0.03 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:228 Resp: 2334389
Ion Ratio Lower Upper
228 100
226 29.0 23.2 34.8
229 20.7 16.2 24.4

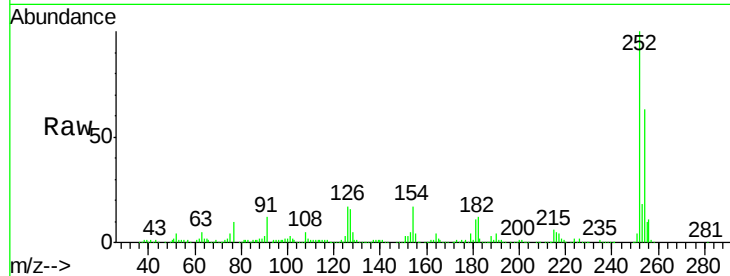




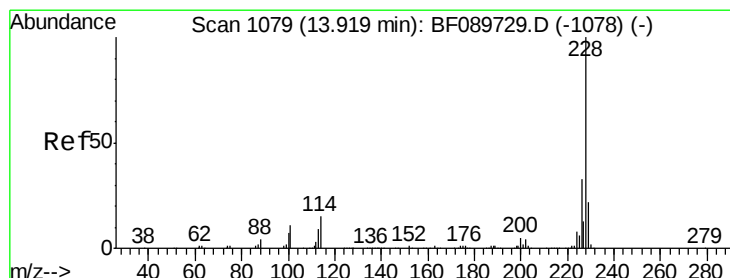
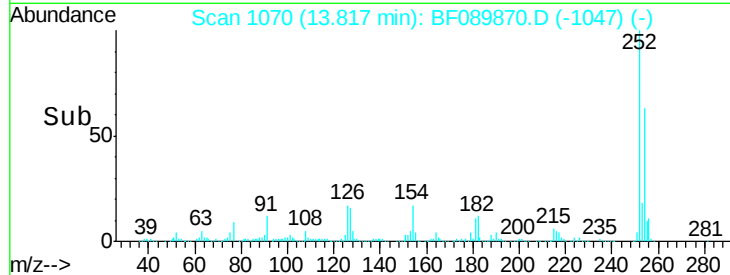
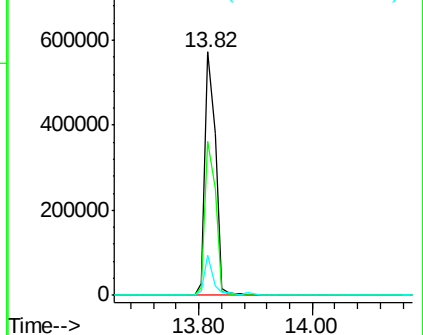
#81
 3,3'-Dichlorobenzidine
 Concen: 28.51 ng
 RT: 13.82 min Scan# 1070
 Delta R.T. -0.03 min
 Lab File: BF089870.D
 Acq: 24 Aug 2016 13:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.3	50.6	75.8
126	16.6	12.6	18.8

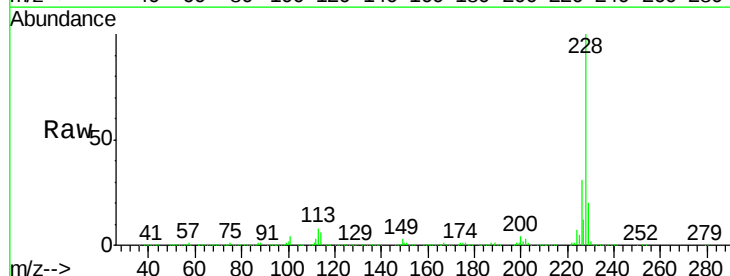


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

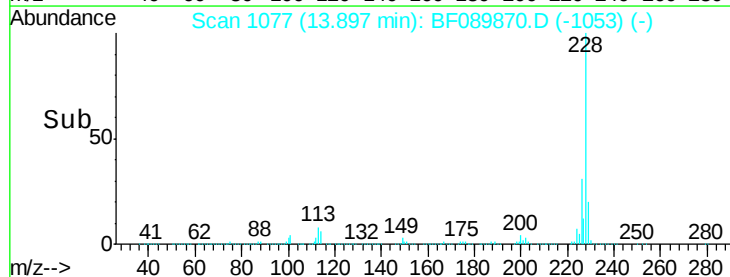
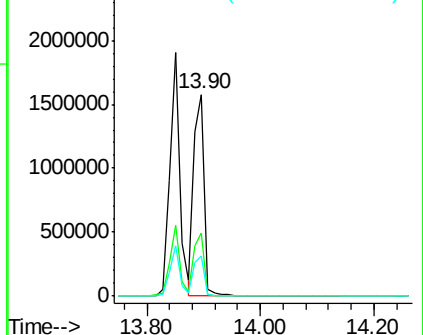


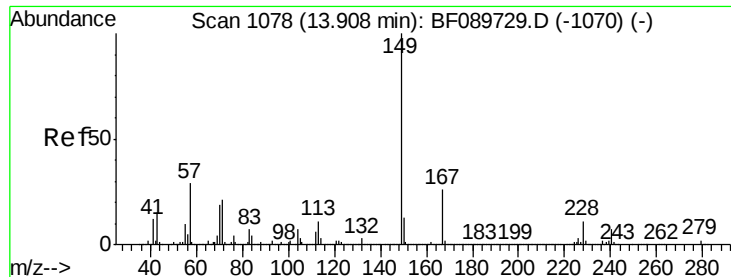
#82
 Chrysene
 Concen: 33.74 ng
 RT: 13.90 min Scan# 1077
 Delta R.T. -0.02 min
 Lab File: BF089870.D
 Acq: 24 Aug 2016 13:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.4	38.0
229	20.1	16.5	24.7



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.45 ng

RT: 13.89 min Scan# 1076

Delta R.T. -0.02 min

Lab File: BF089870.D

Acq: 24 Aug 2016 13:23

Instrument :

BNA_F

ClientSampleId :

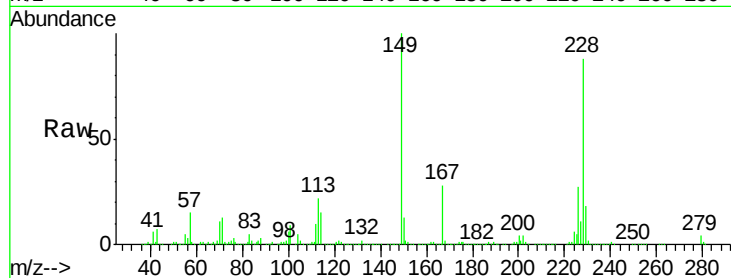
Tot Ion:149 Resp: 2091764

Ion Ratio Lower Upper

149 100

167 27.9 21.2 31.8

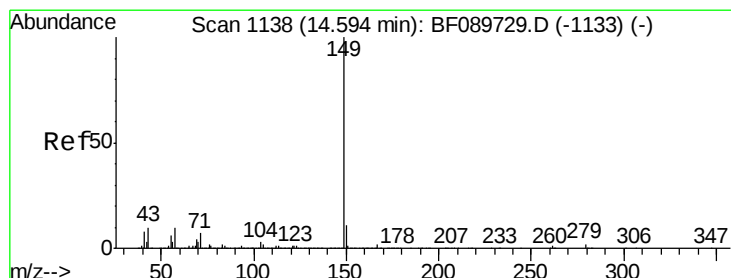
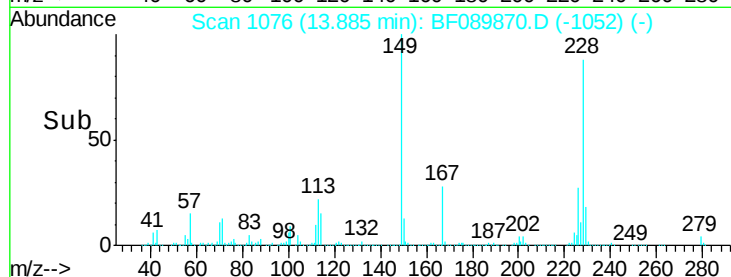
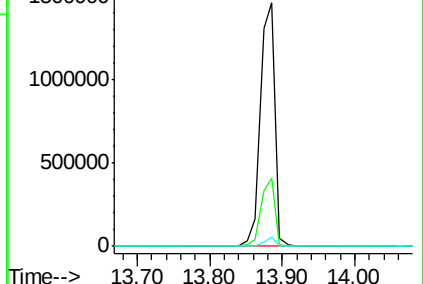
279 3.9 2.9 4.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 40.77 ng

RT: 14.57 min Scan# 1136

Delta R.T. -0.02 min

Lab File: BF089870.D

Acq: 24 Aug 2016 13:23

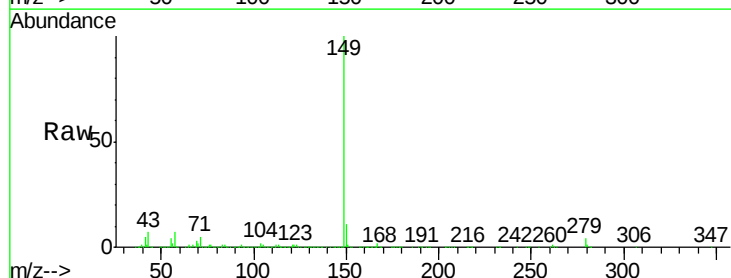
Tgt Ion:149 Resp: 3197968

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

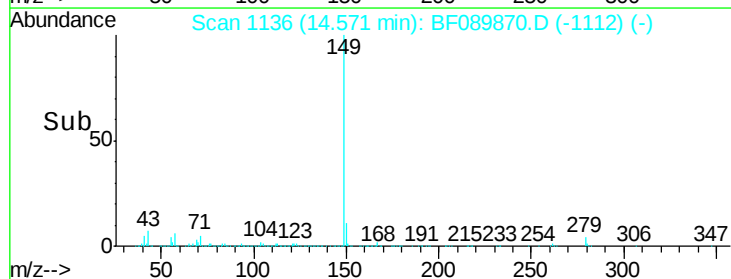
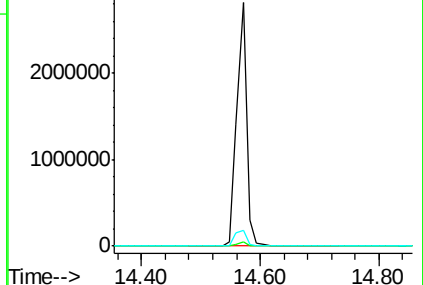
43 8.0 8.4 12.6#

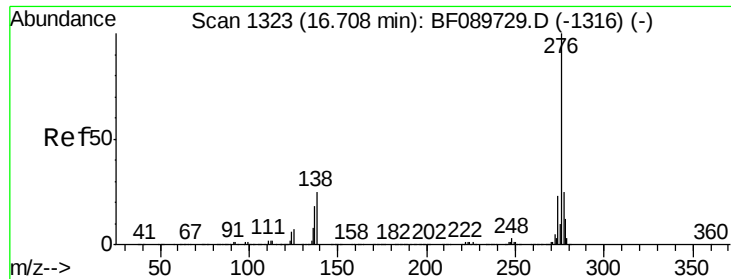


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

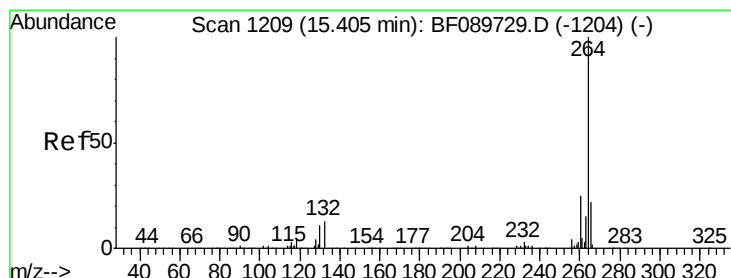
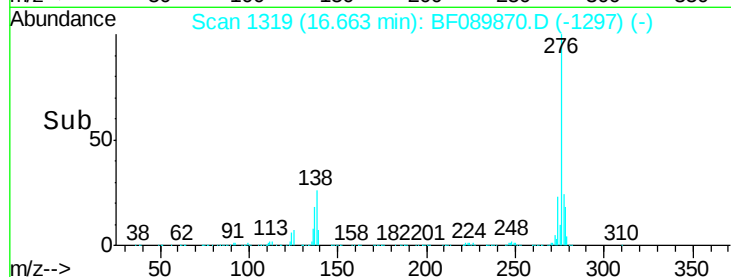
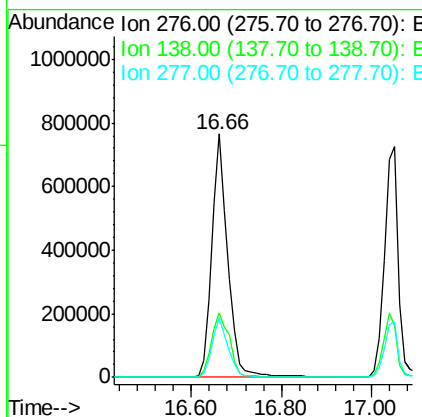
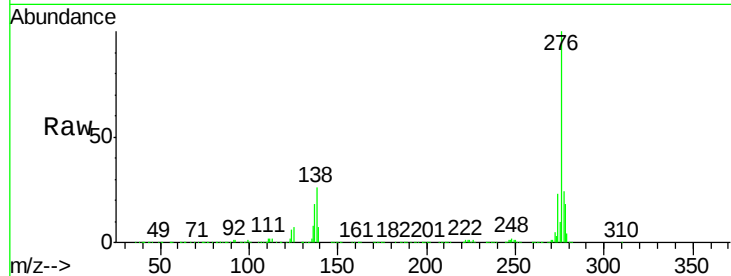




#85
Indeno(1,2,3-cd)pyrene
Concen: 36.50 ng
RT: 16.66 min Scan# 1319
Delta R.T. -0.05 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

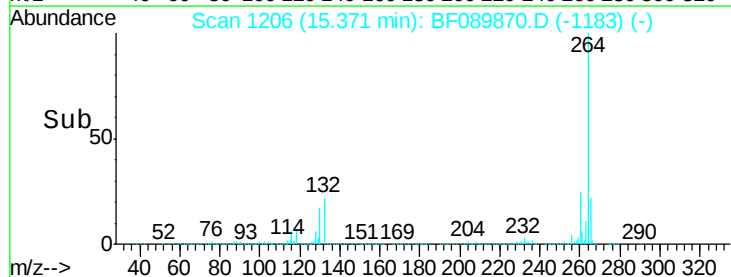
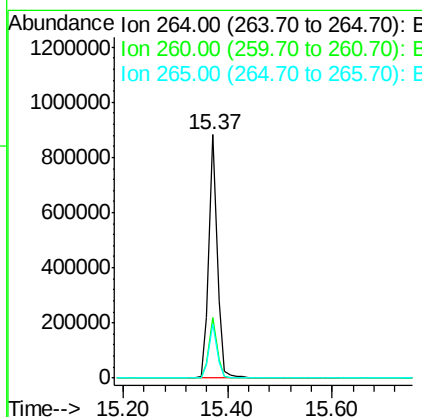
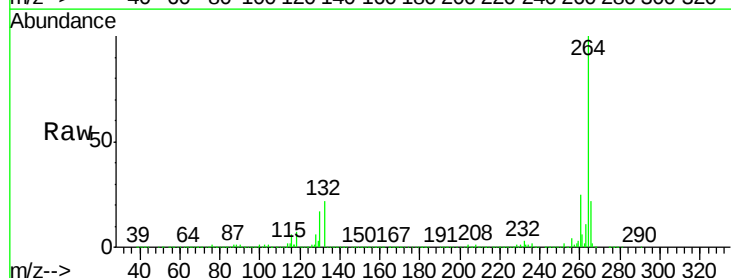
Instrument :
BNA_F
ClientSampleId :

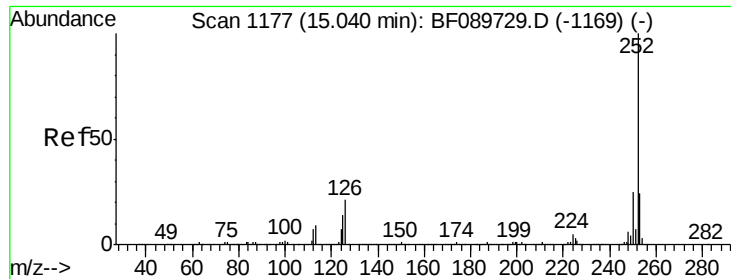
Tot Ion:276 Resp: 1888787
Ion Ratio Lower Upper
276 100
138 31.0 24.6 36.8
277 25.0 20.4 30.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1206
Delta R.T. -0.03 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:264 Resp: 1001746
Ion Ratio Lower Upper
264 100
260 24.6 20.2 30.2
265 22.5 17.4 26.2

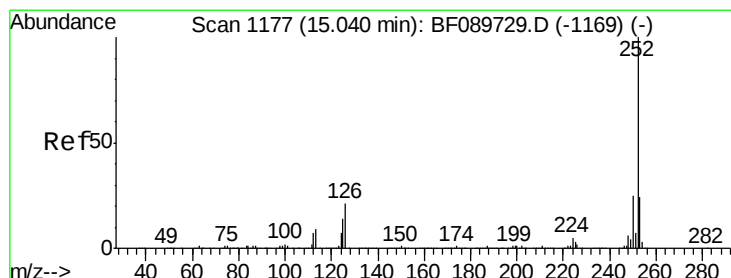
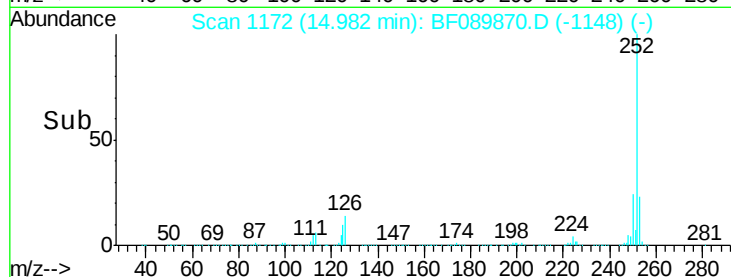
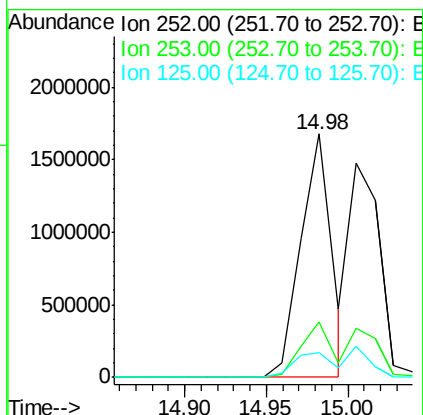
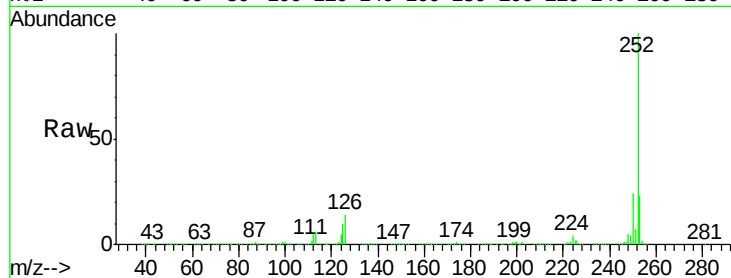




#87
Benzo(b)fluoranthene
Concen: 34.66 ng
RT: 14.98 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

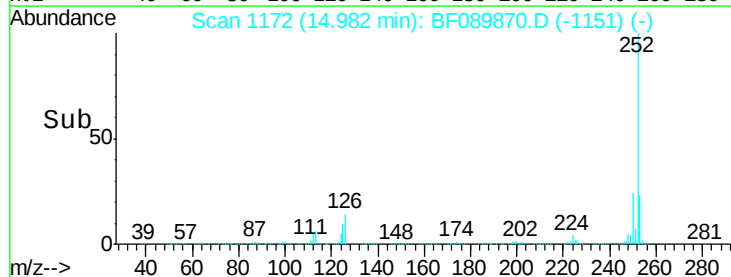
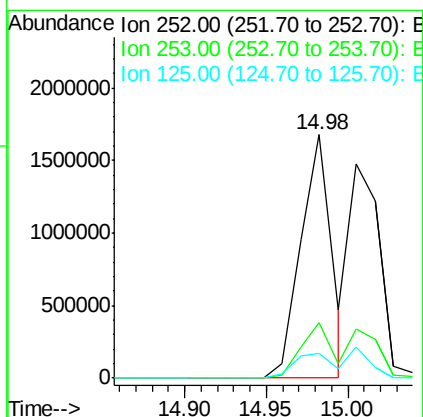
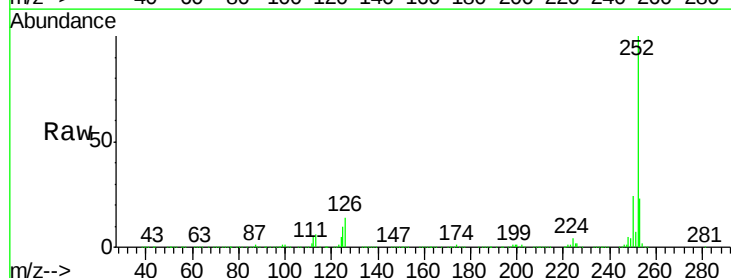
Instrument :
BNA_F
ClientSampleId :

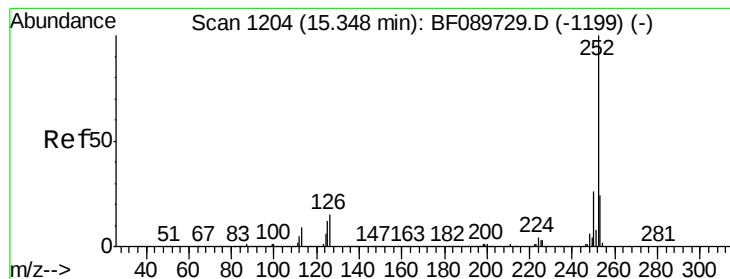
Tot Ion:252 Resp: 2200220
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 10.2 11.4 17.2#



#88
Benzo(k)fluoranthene
Concen: 42.12 ng
RT: 14.98 min Scan# 1172
Delta R.T. -0.06 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:252 Resp: 2200220
Ion Ratio Lower Upper
252 100
253 22.6 18.4 27.6
125 10.2 9.8 14.6





#89

Benzo(a)pyrene

Concen: 36.44 ng

RT: 15.31 min Scan# 1201

Delta R.T. -0.03 min

Lab File: BF089870.D

Acq: 24 Aug 2016 13:23

Instrument :

BNA_F

ClientSampleId :

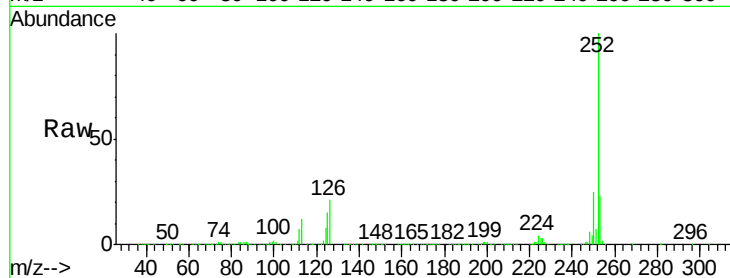
Tot Ion:252 Resp: 1909494

Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.8

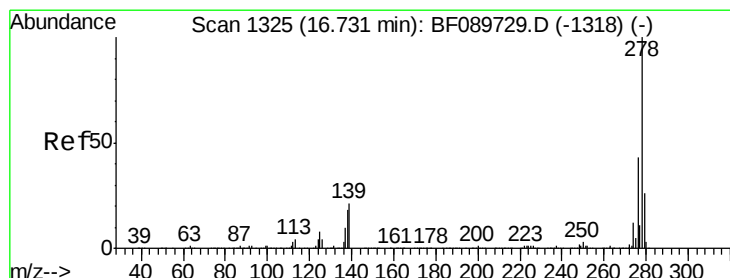
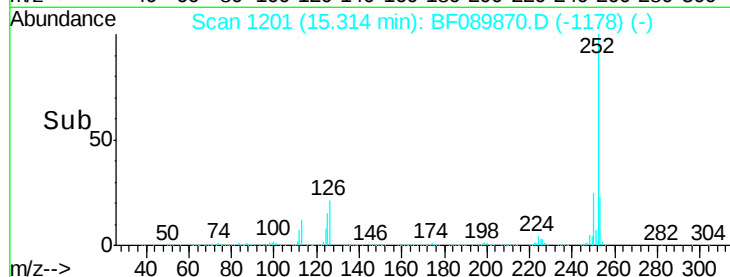
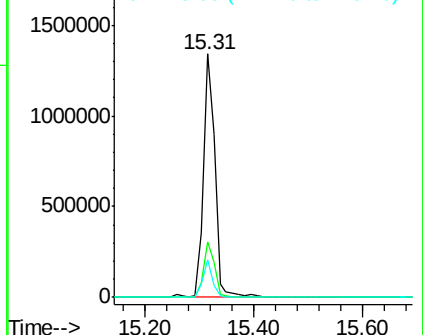
125 15.4 11.7 17.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 37.70 ng

RT: 16.69 min Scan# 1321

Delta R.T. -0.05 min

Lab File: BF089870.D

Acq: 24 Aug 2016 13:23

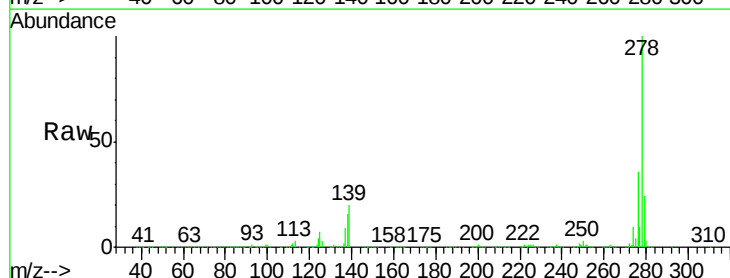
Tgt Ion:278 Resp: 1555839

Ion Ratio Lower Upper

278 100

139 20.1 14.9 22.3

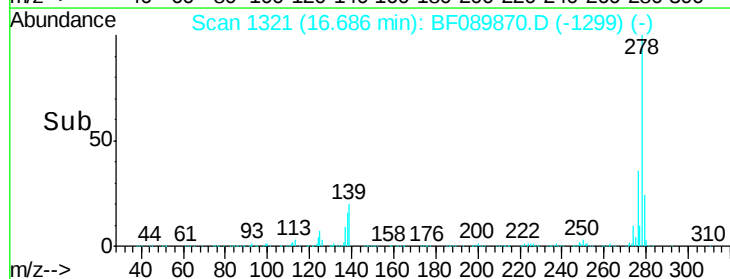
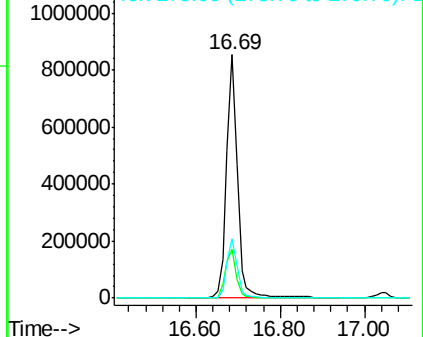
279 24.2 19.2 28.8

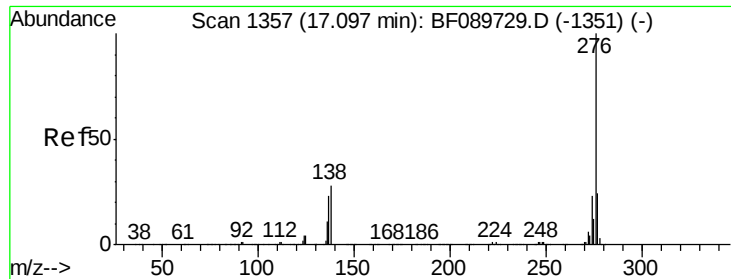


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 37.12 ng

RT: 17.05 min Scan# 1353

Delta R.T. -0.05 min

Lab File: BF089870.D

Acq: 24 Aug 2016 13:23

Instrument :

BNA_F

ClientSampleId :

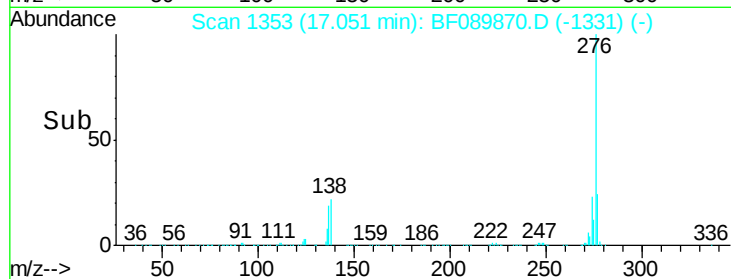
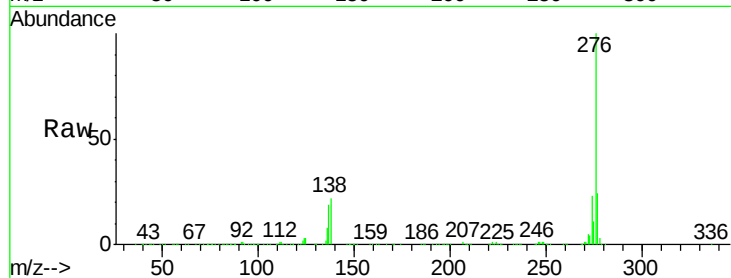
Tot Ion:276 Resp: 1558984

Ion Ratio Lower Upper

276 100

277 23.9 19.2 28.8

138 22.4 22.1 33.1



Abundance Ion 276.00 (275.70 to 276.70): E

1000000 Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

